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Winter Storm Brings
Disruption Of Electric Service
See pages 8-10

Lady Plugs In Zoysia Grass Saves Time, Work & Money

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By Jack T. Johnson
Agronomist

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Your deep-rooted, established Amazoy lawn saves you time and money in many ways. It never needs replacement... ends re-seeding forever. Fertilizing and watering (water costs money, too) are rarely if ever needed. It ends the need for crabgrass killers permanently. It cuts pushing a noisy mower in the blistering sun by $\frac{1}{3}$.

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There's no seed that produces winter-hardy Meyer Z-52 Zoysia. Grass and sod or ordinary grass carries with it the same problems as seed—like weeds, diseases, frequent mowing, burning out, etc. That's why Amazoy comes in pre-cut plugs...your assurance of lawn success.

FREE! UP TO 600 PLUGS

Just for Ordering Now!

More than a HALF BILLION of our Zoysia plugs have been sold. Our Early Bird Bonus Plug Offer means clear savings to you. Order now—don't take another chance with lawn disappointment. And remember: If it isn't AMAZOY, you're not getting the plugs that made Zoysia famous.



In comparison, I'm always happy to get letters from people who have plugged in my Amazoy Zoysia Grass, because they write to tell me how beautiful their lawns are even in midsummer heat and drought.

"MOWED IT 2 TIMES," WRITES WOMAN

For example, Mrs. M. R. Mitter writes me how her lawn "...is the envy of all who see it. When everybody's lawns around here are brown from drought ours just stays as green as ever. I've never watered it, only when I put the plugs in... Last summer, we had it mowed (2) times. Another thing, we never have to pull any

weeds—it's just wonderful!"

Wonderful? Yes, Amazoy Zoysia Grass IS wonderful! Plant it now and like Mrs. Mitter you'll cut mowing by $\frac{1}{3}$...never have another weed problem all summer long the rest of your life!

And from Iowa came word that the State's largest Men's Garden Club picked a Zoysia lawn as the "top lawn—nearly perfect" in its area. Yet this lawn had been watered only once all summer up to August!

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Electricity: Energy Bargain of the 1980s

This editorial was written by Maurice Berg, a director of Codington-Clark Rural Electric Cooperative, Watertown, S.D. and president of the South Dakota statewide association of electric co-ops. It originally appeared in the statewide organization's monthly publication South Dakota Highliner.

I want to make two points about electricity. First, electricity is a manufactured form of energy and the cost of manufacturing it has gone up substantially in recent years. Second, even at today's higher retail rates, electricity is probably the biggest bargain you bring into your home.

People take electricity for granted. They can't see it, smell it, taste it, feel it (except in those rare cases when it gets out of control), and people don't like paying for something that's invisible. That's understandable. But you can see the work that electricity does—at an almost unbelievably low cost—and it's most impressive.

For \$6—the cost of a bargain record album—you can run your stereo two hours a day for almost a year.

For the price of a broom, roughly \$6, you can run a vacuum cleaner for 10 minutes a day for almost two years.

For the price of a pack of cigarettes,

you can watch your color TV for about 60 hours.

The price of a so-so pair of men's shoes will run an air conditioner for about three months.

Now, let's take a look at what's happened to retail power rates in the last 10 years. Electric rates per unit of consumption have gone up about 160 percent. Outrageous? Not at all. During that same period fuel oil went up 515 percent, gasoline 260 percent and natural gas 300 percent.

“
**Even at today's
higher retail rates,
electricity is
probably the
biggest bargain
you bring into
your home.**
”

If electric rates had stayed the same between 1970 and 1980, the monthly electric bill of the average rural electric cooperative member-

consumer would have gone up about 33 percent just because of increased consumption.

Your power bill is probably higher today than it's ever been, and you're probably using more electricity than ever before, too.

We've all heard someone—maybe ourselves—say, “My light bill is sure getting high!” Light bill? It may have been a “light bill” back in the late 1940s when your co-op first energized its lines, but that's hardly the case in the overwhelming majority of rural homes today.

Your rural electric cooperative wants you to use electric energy wisely. It is the energy bargain of the 1980s without question.

As we move toward the 21st century, electric consumption will rise . . . Meeting that demand will call for new generating plants, and new plants brought on line in the past few years (factors in today's higher retail rates) will help supply that demand.

And while your local rural electric cooperative wants you to get the most out of your electric-energy dollar, it also hopes you'll try to understand why rates are higher today than they were a year ago, and why they'll be rising still more in the years ahead.

With your co-op's know-how and your understanding, the future will be a lot brighter.

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*Carolina
Country*®

(ISSN 0008-6746)

Read Monthly in More Than 300,000 Homes
Vol. 15 No. 3, March 1983

Official Publication

North Carolina Association of Electric Cooperatives, Inc.
James M. Hubbard/Executive Vice-President
Owen Bishop/Editor

Kemp Ward, Contributing Editor
Milly Alford, Editorial Asst.

Carolina Country (formerly *Carolina Farmer*) is published by North Carolina Association of Electric Cooperatives, Inc. Second class postage paid Raleigh, North Carolina, and additional mailing office, Editorial Offices, P.O. Box 27306, Raleigh, N.C. 27611. *Carolina Country* is a registered trademark of North Carolina Association of Electric Cooperatives. Postmaster send form 3579 to P.O. Box 27306, Raleigh, N.C. 27611. EMC group subscription \$1.88 a year, individual \$2.00. Address all mail to *Carolina Country*, P.O. Box 27306, Raleigh, NC. 27611.

"Micro" Hydro Plant Generating Power

A demonstration "micro" hydroelectric plant in Watauga County, which is now smoothly generating enough electricity for several homes, is the product of a federal grant and long hours of hard labor by two inspired college students.

The students erected the small-scale plant on Laurel Creek, using \$22,000 in materials and equipment, to show that ideas they'd picked up in class could be put to practical use.

The plant pumps its energy into the lines of Blue Ridge Electric Membership Corporation, Lenoir. The co-op pays three cents per kWh for the power, with the proceeds from the project being donated to the owner of the land where the plant was built.

"It's cranking along," said Appalachian State University professor Harvard Ayers, whose classes in micro-hydro kindled the interest of the two students—Andy Feimster and Bob Powell, both of Banner Elk.

"We've had lots of people come into this area looking at it, so we feel it's definitely doing what we wanted. We've even had people from other countries looking at it."

Ayers, who oversaw the construction work said the project seemed too ambitious when he first got interested in it a few years ago. However, when he found himself with two energetic students anxious to show what could be done, he proposed the idea to the University, Blue Ridge EMC officials and the

Sierra Club. The three organizations jointly adopted the proposal and together obtained a grant from the U.S. Department of Energy.

The grant also included funds to survey 17 other streams in the mountains for similar projects.



The demonstration plant is the product of a federal grant and long hours of hard work by two inspired college students



"We felt the mountains have a lot of possibilities along these lines, and we thought building something like this would be the best way to encourage others to do it," Ayres explained.

When the students started to work on the construction, they expected to be finished in a few weeks. But that expectation proved to be wishful thinking. It took more than a year of hard work.

"They put in an incredible number of hours," Ayers said.

"It turned out to be a lot more work than they expected, but they got it done."

The plant began generating electricity about a year ago, but some problems last fall caused a 10-week shutdown. It started back in December and has been working smoothly since then.

"The people at Blue Ridge EMC have been very cooperative all along the way," he said. "They've really been great to work with."

The plant operates from a three-foot dam built across part of the mountain stream. The dam diverts water down an eight-inch pipe to a turbine 180 feet below the stream level. The falling water turns the turbine, producing electricity.

Ayers said he and the two students hope the project will become a model for similar plants all over the mountains in years to come.

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Elizabeth City Slates Arts-Crafts Festival

Arts, crafts, music, dance and drama will be spotlighted during the 1983 Arts and Crafts Spring Festival in Elizabeth City, March 24-27.

The festival, sponsored by the Pasquotank Arts Council, will be held at Knobbs Creek Recreation Center from 10 a.m. to 9 p.m. Thursday, Friday and Saturday and from 1 to 6 p.m. on Sunday.

The event will feature an art gallery, craft promenade, art and craft boutique, special children's activities and entertainment.

For more information, write or call Janet Hill Spencer, co-chairman of the festival, at 1206 W. Main St., Elizabeth City, N.C. 27909. Phone: (919) 338-6726.

Co-Op Council Elects Officers, Directors

Jim Hubbard, executive vice-president of the statewide organization of North Carolina's Electric Membership Corporations, has been elected president of the N.C. Cooperative Council.

Other officers elected at the trade association's recent annual meeting were Jacob Grigg of Farm Credit Service, Asheville, first vice-president and Robert Holden of Randolph Telephone Membership Corporation, Asheboro, second vice-president.

Elected to the organization's 17-member Board of Directors were: Aubrey Blanks, Carolina Cotton Growers, Raleigh; Larry Shoffner, Farm Credit Service, Monroe; Albert Robertson, North State Farmers Co-op Warehouse, Reidsville and Bobby Shipley, Dairymen, Inc., Greensboro.

Re-elected to the board were: Robert Caldwell, N.C. Grange Mutual Insurance Co., Greensboro; Robert Dahle, N.C. State University; Brantley DeLoatch,

FXC, Inc.; Barbara Deverick, Blue Ridge EMC, Lenoir; Weldon DuPree, World Citrus, Winston-Salem; Thomas Eatman, Carolina PCA, Nashville; W. E. Lane, N.C. Department of Agriculture, Raleigh; Norfleet Sugg, N.C. Peanut Growers, Rocky Mount; Jim Wilder, N.C. Soybean Producers, Raleigh; Vance Yokeley, Coble Dairy, Lexington; Fred Bond, Flue-Cure Tobacco Cooperative Stabilization Corp., Raleigh and Wade Groce, Yadkin Telephone Membership Corporation, Yadkinville.

Art Museum Opening Slated For April 9-10

A festival of dance, music and a variety of other free entertainment by performers from around the state will mark the public opening of the new North Carolina Museum of Art in Raleigh, April 9-10.

Among the events planned for the opening are modern dances created especially for the new museum, to be performed by the Frank Holder Dance Company of Greensboro and the Easy Moving Dance Company of Raleigh on Saturday afternoon, and by Marcia Plevin Productions of Winston-Salem on Sunday afternoon. The Red Clay Ramblers, a popular Chapel Hill group billed as a "neo-old-time string band," will also perform on Sunday.

The festival will also feature hot-air balloon demonstrations on Saturday, culminating in the launching of six of these colorful aircraft from the museum grounds.

Other performers during the two-day festival will include classical guitarist Stan Bumgarner, the Shady Grove String Band, folk duo Phil and Gaye Johnson, the Rainbow Dancers, Lynch Puppets, the Kaleidoscope mime troupe and mimes Ira David Wood and Bryan Vann Thompson. A number of musical ensembles will be performing throughout the museum.

An opening ceremony at 12:30 p.m. on Saturday will include remarks by Sara W. Hodgkins, secretary of the Department of Cultural Resources, and Museum Director Edgar Peters Bowron.

Because of the number of visitors expected, parking will be at the state fairgrounds nearby, with shuttle buses transporting visitors to and from the museum. Refreshments will be available from area vendors, in large tents set up on the museum grounds.

Hours for the new museum, beginning with the opening festival, are 10 a.m. to 5 p.m. Tuesday through Saturday and 1 to 5 p.m. Sunday.

Moore County Banker Gets National Post

A Moore County banker has been elected as one of twenty-two national directors for the National Rural Utilities Cooperative Finance Corporation (CFC), a lending institution serving co-ops across the country.

James H. Garner of Rt. 2, Robbins, was elected to represent the organization's District 1 region, which encompasses New England, New York, New Jersey, Pennsylvania, Maryland, Delaware, Virginia and North Carolina.



Garner has been on the Board of Directors of Randolph Electric Membership Corporation, Asheboro, since 1965. He currently serves as secretary-treasurer of that board.

He is a vice-president of the Bank of Montgomery and is responsible for the bank's Moore County operations, including three branches.

He has been a director of the Sandhills Mental Health Association and Moore Memorial Hospital. A member of the N.C. Bankers Association, he has been a trustee of Sandhills.

Community College.

CFC is a co-op lending organization which provides loans to supplement Rural Electrification Administration financing for cooperative utilities.

Directors Emeritus Named At Two EMCs

Four veteran directors from two North Carolina Electric Membership Corporations have been elected directors emeritus of their respective co-ops.

The honor went to Jack Harris of Rt. 2, Clyde, who retired from the Board of Directors of Haywood EMC, Waynesville, after 31 years of service.

Harris, who resigned for health reasons, had served as secretary-treasurer of the Haywood EMC board for 11 years. He is currently serving as vice-chairman of the Board of Directors of the U.S. Agricultural Stabilization Conservation Service.

He was succeeded on the EMC board by Roy Stamey of Canton, who was appointed to fill the remainder of Harris' term of office.

Meanwhile, three directors at Brunswick EMC, Shallotte, have been designated directors emeritus.

They are C. D. Branch of Rt. 1

Evergreen, R. T. Mercer of Bolivia and Dennis Anderson of Fair Bluff.

Branch had put in 36 years on the board—25 of them as president—and was active in various projects of the statewide EMC organization and the national rural electric programs.

Anderson had served on the board for 32 years and Mercer, for 23 years.

Crescent EMC Gets Loan For Expansion

Crescent Electric Membership Corporation, Statesville, has been awarded a \$4.4 million loan from the Rural Electrification Administration for an expansion project.

The loan will finance 70 percent of the project, which includes service for 2,700 additional consumers, 121 miles of distribution line, four miles of transmission line and various system improvements.

The EMC will obtain supplemental financing for 30 percent of the program from the National Rural Utilities Cooperative Finance Corporation.

When the project is completed, the EMC will be serving 33,247 consumer-members over 3,870 miles of line in portions of Gaston, Mecklenburg, Wilkes, Yadkin, Alexander, Iredell, Davie, Rowan, Cabarrus, Lincoln and Catawba Counties.

Cover: "Spring Snow" By Bob Timberlake

Our cover this month features a reproduction of a painting by noted North Carolina artist Bob Timberlake, whose work has been spotlighted in *Carolina Country* on numerous occasions.

This painting, titled "Spring Snow," is the latest of Timberlake's works to be reproduced as a limited edition print.

For information about ordering the print, write to The Heritage Company, Inc., of Lexington, P.O. Box 1027, Lexington, N.C. 27292.

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Winter Storm Brings Widespread Disruption Of Electric Service

The toll is still being counted from the massive winter storm that spread ice and snow across large areas of the North Carolina mountains Jan. 21-22, but the damage will undoubtedly carry a price tag in the millions of dollars.

The monster storm flattened huge sections of forests and mangled power lines and support poles, knocking out electric service for around 200,000 families.

Hundreds of utility work crews labored for long hours under emergency conditions through the storm and long after the sun reappeared in order to restore power to those families.

During the early going, the repair work went at a snail's pace, as the workmen fought treacherous mountain terrain and equipment that often became bogged down in the ice and snow.

The precipitation continued to fall throughout the night of Jan. 21 and until the afternoon of Jan. 22. As a result, ice and snow continued to build up on power lines and trees, the moist weight bringing new breaks even as others were repaired and returned to service.

Still, the repair crews worked on, stopping only for quick naps and hurried meals.

Many found themselves forced to carry replacement poles through the woods by hand, especially on steep terrain.

"That's slaving. That's all it is—slaving," said Gary Whitener, manager of the Cherryville District office of Rutherford Electric Membership Corporation, Forest City.

He said the storm was "the worst storm Rutherford EMC has ever had. We hope it is a once in a lifetime thing."

Rutherford EMC was by far the hardest hit of the cooperatives, having about 20,000 homes lose power at the outset. Many would remain without power until Jan. 26, despite the efforts of 100 repairmen working 18-to 20-hour days.

"We had some kind of mess," Whitener said. "I'm extremely proud of the job our people did. They certainly didn't let us down. They did a wonderful job."

The Cherryville area suffered heavy damage, leaving the EMC's office without heat or lights. But it remained opened and staffed around the clock.

“
The damage
will
undoubtedly
carry a price
tag in the
millions of
dollars.

“We worked with gas lanterns and flashlights,” Whitener said. “That was rugged, but I didn't hear any employee complain. They knew it had to be done and they did it.”

Meanwhile, outside work crews in the Cherryville area had to replace about 150 broken poles and hundreds of miles of line—all in some of the roughest terrain in the mountains.

Rutherford EMC work crews replace a downed pole to restore electric service during the January storm that left thousands without power.

—Mark Phillips, Morganton News Herald

Most of the Rutherford EMC consumers were understanding about the problems that delayed repairs, Whitener pointed out.

"We had some people who were upset about the long outages, but by far the majority understood that we were working just as hard and fast as we could and wanted the electricity back on as much or more than they did.

"And we've had people drive 25 miles just to come in and tell us how appreciative they are. We've gotten letters and telephone calls. It's been good for us."

He said that during the worst of it, several members used their own vehicles and time to help the repair crews spot trouble and find the damage.

"That spirit certainly made us feel good."

Meanwhile, Blue Ridge EMC, Lenoir, had similar problems with the storm, as about 100 repairmen worked from dawn to midnight for three days restoring service. About 6,000 homes lost power due to the storm, with Caldwell County suffering especially heavy damage.

Crescent EMC, Statesville, was something of a disaster area, too, with nearly 10,000 consumer-members without power for varying amounts of time. Some were without service for four days.

Alexander, Wilkes and northern Iredell Counties were hardest hit in that area.

EMC officials say the storm caused the most damage the co-op has sustained since a mammoth storm of 1971.

Surry-Yadkin EMC, Dobson, lost service to about 5,000 members, but was able to get the damage repaired and full service restored by late on Jan. 23.

Haywood EMC, Waynesville, and Davidson EMC, Lexington, each suffered scattered outages that put about 2,000 members into the dark for short periods, but neither had the major problems of their neighbors.

A few homes in a remote part of Haywood EMC's service area were without power for several days, but the co-op moved a generator in to restore power there until repairs could be made.

Meanwhile, other utilities had the same kinds of difficulties, with Duke Power Company suffering interruptions for about 100,000 customers.

Officials of the firm place the cost of repairing the damage to that system at about \$2 million.

The repair effort was especially massive for the EMCs because their lines spread over so much territory and extend through heavily wooded areas.

In each case, the co-ops called in

outside crews to augment their own employee forces, many of them employees from other EMCs.

Co-ops assisting their neighboring EMCs in this way were: Davidson EMC, Lexington; Wake EMC, Wake Forest; Lumbee River EMC, Red Springs; South River EMC, Dunn; Union EMC, Monroe; Central EMC, Sanford; Pee Dee EMC, Wadesboro; Randolph EMC, Asheboro; and two South Carolina co-ops: Mid-Carolina, Lexington and Fairfield, Winnsboro. •



Amy Reynolds/Forest City Daily Courier

A lone EMC repairman wields a chain saw to clear a downed power line near Rutherfordton.

Men Against A Mountain

The clean-up operations following the severe January ice storm were winding down for crews of Rutherford Electric Membership Corporation, Forest City. Yet they still faced one of their stiffest challenges in restoring power on Morganton's Burkemont Mountain.

Stephen Harris, a reporter for the Morganton News Herald, spent several hours on the mountain's icy slopes watching the crews at work and filed this report on what he saw. The story appeared in the News-Herald on Friday, Jan. 28.

In a steep gorge you can't place the power poles high enough.

The thin lifeline of power lines sag across mountain hollows under the shadow of 100-foot hardwoods and

pinus. In the really rough country the lines are held aloft by poles that look like sticks by comparison. They are planted on knolls and hollows that are like sitting ducks in the forest.

Last Friday's ice storm snapped trees like twigs. Power lines and even the power poles were knocked down across western North Carolina.

The power now is back on about everywhere else. Things are back to normal and people have forgotten how bad the damage was.

Electrical crews have labored in up to 18-hour days in more populated areas for almost a week now.

But now comes the hard part; tackling Burkemont Mountain.

After all, you don't haul power
(Continued on page 10)



On Morganton's Burkemont Mountain, work crews from Rutherford EMC, Forest City, were forced into a harsh tug-of-war with replacement poles that had to be pulled into position before being installed.

Photos by Mark Phillips,
staff photographer for the
Morganton News Herald



Man Against A Mountain

(Continued from page 9)

poles on your back up a steep mountain slickened with frozen snow.

In the mountains, power lines sag across hollars, held aloft by poles planted on knolls that are sitting ducks to the overshadowing woods.

Four power poles on the mountain were broken in the storm, victims of heavy ice, falling trees or both.

As a result, the mountain's two dozen summer cottages are still in darkness without electricity.

Crews from the Rutherford Electric Membership Corporation, Forest City, hit the mountain Wednesday. Although the storm was largely forgotten, the weary workmen faced their most difficult repair task.

The high elevations cast the mountains in a different world, a bit

of the frozen north in Morganton's backyard.

Ice can still be found on trees and limbs in the area known as "Walker Top." Several inches of snow and ice still remain unmelted there, even though it has almost disappeared in town.

That ice has caused major damage on the mountain. The tan insides of broken trees dot the mountain landscape.

"It's like a helicopter went through there upside down," marveled electrical crew chief Lewis Spencer.

Crews from Rutherford EMC spent Wednesday just cutting their way into the area. On foot, crews cut fallen trees and limbs from the road and from the right-of-way along the power pole path. On Thursday, crews began cautiously treading up the slick slopes.

Two poles are near the bottom of the mountain. But a Caterpillar loader carrying the two poles is stopped at the first slope.

Above is a foot-thick pole, snapped in two and standing like a chewed toothpick.

Cutters earlier spotted two dozen trees downed in the path where the nearby crippled power line lay.

With the machinery left behind, how, then, do you get an 800-pound pole up a mountain?

You get 10 men, a rope and a pully attached to the downed power line. Then you pull, a tug-of-war between 10 men and a stubborn pole. One wields an iron bar to slip the pole over stumps and rocks.

The men don't always prevail.

When that job was finished Wednesday, there was a second pole a quarter-mile farther up the mountain. Its replacement will have to be dragged down a gorge, across a creek and back up again.

Meanwhile at Walker Top, where the air is colder and a man can walk atop the surface of the icy snow, two more poles were downed.

Crews called in a skidder, a four-wheel, heavy duty logging vehicle. It plowed down an old, forgotten logging road that clings to the side of the mountain. It is impassable to all other vehicles even in the best of times.

The other two replacement poles are dragged behind with a wench.

Tress lay scattered over the mountain in a botanical carnage similar to those caused by volcanic explosions.

"This is the worst it's ever been torn up," said Spencer, who will retire from the business this spring after 37 years.

Spencer predicted the power would be restored today, but that was before the skidder broke an axle housing on the slopes of the mountain. A welder was being sought Thursday afternoon.

Meanwhile, the lone permanent residents on the mountain, George and Peggy Harrison, wait for the return of electricity.

"It's not too bad," said Mrs. Harrison, although the family almost ran out of gasoline for their small electrical generator before roads were cleared Wednesday . . . •

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Martha Washington ASPARAGUS

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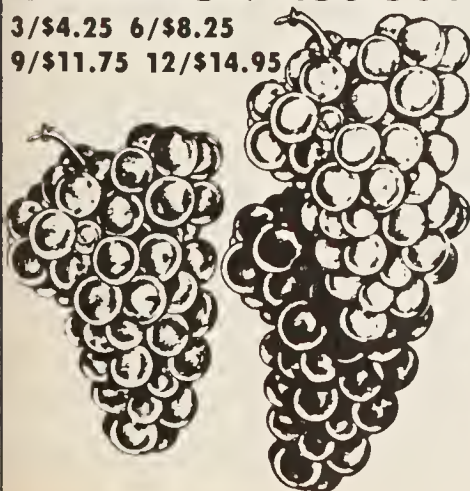
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N6772 Victoria is a tort, delicious rhubarb, quite tender and juicy. Stalks are red with green flesh. Broad, thick-stalked and upright growing. Vigorous, heavy yielder. Excellent for pies, sauces—freezes well. Harvest next year. 5/8" to 1" roots. Not shipped to Calif.



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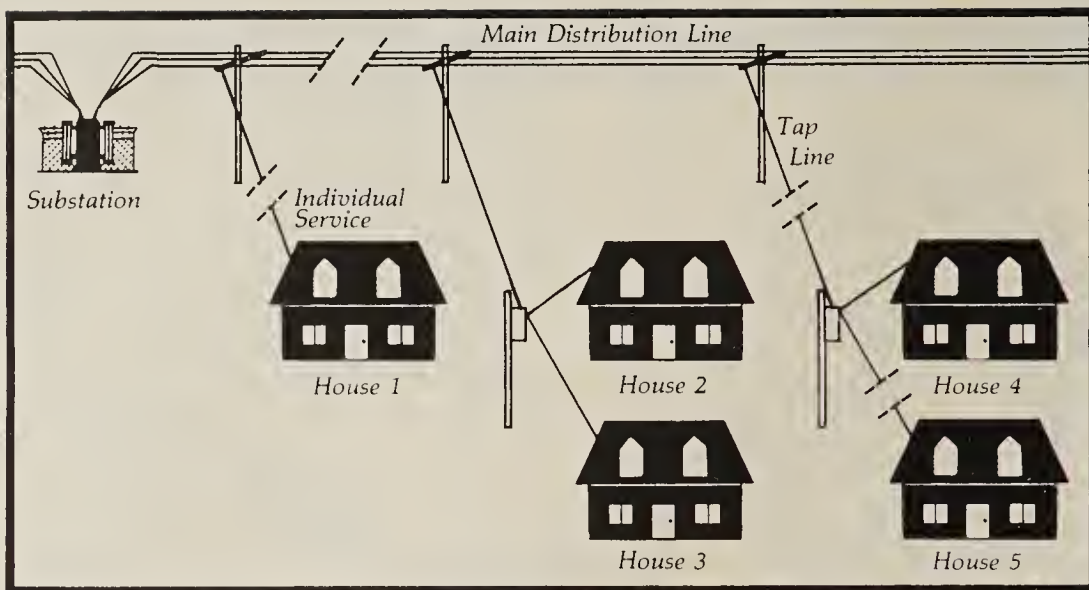
Restoring Electric Service: It's A Matter Of Priorities

How is electric service restored after a major wind or ice storm causes damage to the lines? No, it's not *who* you know that counts. It's the circumstances surrounding your particular outage that matter.

Adapted from Iowa REC News

Restoring electrical power is a very logical process, and the accompanying chart shows a simplified version of how cooperative linemen go about restoring electric service to each home.

The first location your Electric Membership Corporation personnel check when an outage occurs is the source of power, the substation. Then, just like following the spokes on a wheel, the linemen work their way out on the main distribution line, repairing and restoring service to the main feeder lines. It's useless to repair a small wire attached to a house if the



main line is dead. No electricity would flow into the house, and many other consumers would be without power for a longer period of time as a result.

“
**It's not who you
know that counts.
It's the
circumstances
surrounding your
particular outage
that matter.**
”

In the accompanying diagram, efforts would first be made to restore the “main distribution line.” Since

there is no damage to the lines leading to House 2 and House 3, repairing the main line would automatically bring them on.

Next, any problems with the tap lines leading off the main line would be cleared up. Repairing the tap line would restore service to House 4 in the diagram.

It's only after all of the high voltage lines are repaired that problems at individual homes would be corrected. In this example, problems with the lines running to Houses 1 and 5 would be the last to be repaired and then power would be fully restored.

Your electric cooperative works year-round to provide you with the most dependable electric service possible. This predetermined plan for restoring electrical service in the case of an outage helps your EMC serve its members in the most efficient manner possible.

AGRICULTURE America's Heartbeat



Agriculture Day • March 21, 1983

Winter Morning/Gray Fox

Carolina Country is offering prints of the striking oil painting, *Winter Morning/Gray Fox*, which appeared on the cover of the March '82 issue.

The original painting was done especially for use on the cover by Janet Allen Walker of Rt. 1, Franklinville, a widely recognized wildlife artist.

The prints reproduce the painting in the size of the magazine, with a white border on heavy 11" by 14" glossy finish stock.

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Is Your Electric Service A Matter Of Life And Death?

Is electric service a matter of life and death for you or your family?

If it is—because of the use of life support equipment of some sort—your Electric Membership Corporation needs to know.

North Carolina's EMCs make an effort to provide a continuous flow of electric power, but unavoidable outages do occur, particularly during stormy weather.

When those outages occur, EMC repairmen need to know which consumer-members face critical life-or-death circumstances because of the loss of power. They can then give those consumers top priority in restoring service.

If you or your family operates such life support equipment, please fill out the form below and send it to your local EMC office when paying your next electric bill. Or, mail it to Life Support, N.C. Association of Electric Cooperatives, Inc., P.O. Box 27306, Raleigh, N.C. 27611.

Name _____

Nearest Phone _____

Address _____

EMC serving this address _____

Member number _____

1. Type of life support equipment

2. Other necessary equipment (such as pump, lights, etc.)

3. Time of use: () Continuously () hours each day.

Times during the day _____ to _____

() _____ hours every other day _____ () other times.

4. Can it be hand operated? () Yes () No

For how long? _____ hours per day

5. Do you have any method of back-up electric generation to run this equipment? () Yes () No

6. Other information you can provide concerning your life support equipment:

7. Name and telephone number of neighbor or relative your EMC could contact in an emergency:

Name _____

Telephone _____

Address _____

Rate Hike For 10 EMCs Reduced By Duke Power

Duke Power Company has agreed to roll back a substantial portion of a pending increase in the rates applying to power the firm sells to its wholesale customers, including 10 of North Carolina's Electric Membership Corporations.

The rate hike reduction is part of an agreement worked out with Duke by representatives of the EMCs, which had begun paying higher rates last November.

The original Duke proposal was filed with the Federal Energy Regulatory Commission last August and allowed to become effective in November, subject to refunds if a lower rate were to ultimately be approved.

The initial request called for a rate boost of \$21.1 million a year for the cooperatives involved.

However, Duke reduced the rates to a \$15 million hike based on the company's retail industrial rates that were approved by the State Utilities Commission last fall.

Under a long-standing "parity principle" arrangement between Duke Power and the EMCs, the company's wholesale rates must be related to its retail industrial rates.

The new agreement further reduces the rates to an increase of \$12.8 million.

These new rates are expected to apply to the EMCs' March billings.

The EMCs which are served by Duke Power Company are: Blue Ridge, Lenoir; Crescent, Statesville; Davidson, Lexington; Haywood, Waynesville; Pee Dee, Wadesboro; Rutherford, Forest City; Piedmont, Hillsborough; Surry-Yadkin, Dobson; Union, Monroe and Wake, Wake Forest.



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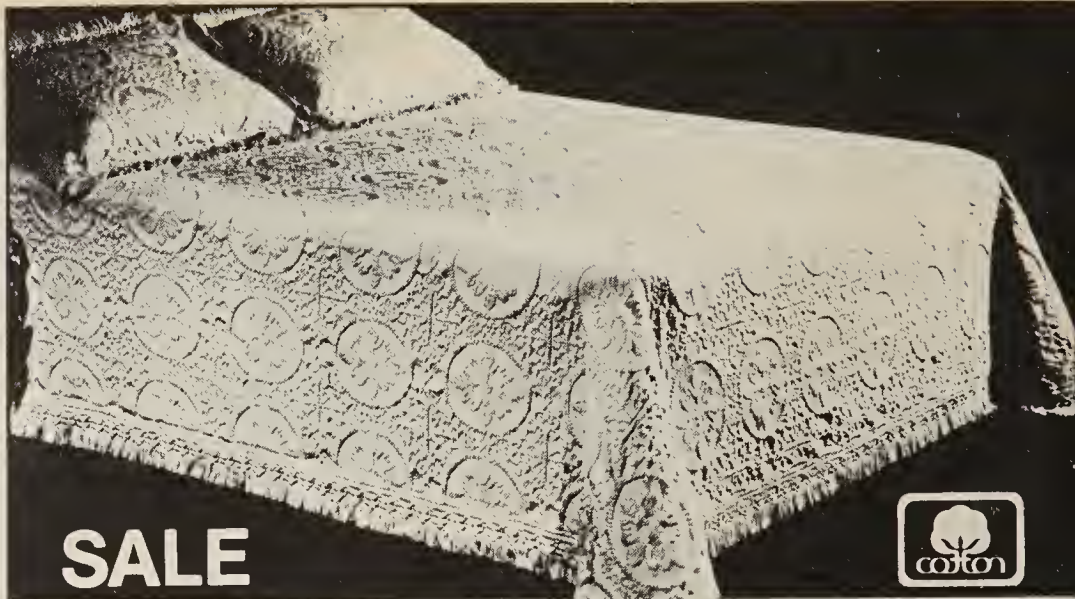
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The do-your-own-thing spirit of the Stonybrook Steeplechase is reflected in the crazy hats people wear for the occasion. Here are a few of the choice chapeaus as captured by professional photographer Bob Rufa of Pinehurst, who has been a Stonybrook regular for several years.



Stoneybrook: Frothy Fun

It's one of North Carolina's most enduring rites of spring—and perhaps the state's biggest annual outdoor bash.

It combines colorful contests of equestrian competence with frothy fun-time festivities.

What is it? The Stonybrook Steeplechase in Southern Pines, of course!

The 36th running of the event is scheduled this year for April 16 at Michael G. Walsh's Stonybrook Farm on Young's Road. Gates will open at 10 a.m., with the races starting at 2 p.m.

A total of six races are scheduled through the afternoon, including one for a \$15,000 grand prize.

Pre-race entertainment will be by the Cumberland Gap Band.

Also planned is a funny hat contest, offering prizes in four categories plus the "Spirit of Stonybrook" award for the best hat with an equestrian theme. That award carries a \$25 cash prize.

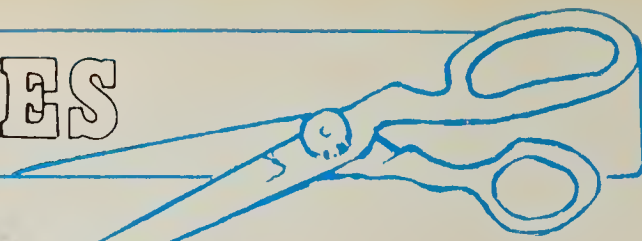


General admission is \$5. Reserved parking spaces—good for six adult admissions—are available for \$45, \$40 and \$35. Children 12 and under are admitted without charge.

Tickets to the black-tie Stonybrook Ball on April 15 are available with tax-deductable contributions of \$45 per person to the St. Joseph's of the Pines Hospital Guild in Southern Pines.

For additional information about these events and the post-race party, write to Stonybrook Steeplechase, P.O. Box 1474, Southern Pines, N.C. 28387. Phone: (919) 692-8000.

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2-8

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9480
8-20

Perfect Partners
Printed Pattern



9426
10½-22½

Pattern No. 9121 is cut in Misses sizes 8, 10, 12, 14, 16, 18 and 20.

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Pattern No. 4529 is cut in Half sizes 12½, 14½, 16½, 18½ and 20½. Women's sizes 34, 36, 38, 40, 42, 44, 46 and 48.

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Pattern No. 9480 is cut in Misses sizes 8, 10, 12, 14, 16, 18 and 20.

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Send \$2.25 in cash (no stamps) for each pattern to: CAROLINA COUNTRY, Box 42, Old Chelsea Station, New York, NY 10011. Add 50¢ for first class mail and special handling. Be sure to include your full address, zip code and pattern size.

COUNTRY KITCHEN



Want To Share Your Recipes?

If you would like to share a recipe with this column, send it to: CAROLINA COUNTRY, P.O. Box 27306, Raleigh, NC 27611.

We pay \$5 for published recipes and present each monthly winner a set of 50 recipe cards with the winning recipe printed on them.

Cherry Crunch

Submitted by Emma Lee Hester of Creedmoor

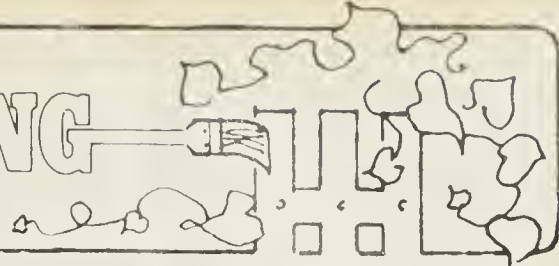
1 can Cherry Pie filling
1 large can crushed pineapple with
juice
3/4 cup sugar

1 box yellow Duncan Hines cake
mix (dry)
2 sticks margarine melted
1 cup chopped pecans

In a 8 x 12 (or oblong pyrex 2 qt.) dish smooth the cherry pie filling, then pineapple on top of that, then sprinkle sugar. Smooth dry cake mix on top of that, then pour melted margarine, then chopped pecans.

Bake in 350 oven about 45 minutes or until golden brown. It is delicious!

DO YOUR OWN THING



Keeping You In Stitches

Buying flower arrangements to accent the decor of your home can become an expensive venture these days. But if you select the kinds of dried, artificial and silk flowers you want to use, this instruction guide can show you how to make your own arrangements.

Step-by-step directions, diagrams, color photos and complete materials lists are all included in this 20-page booklet. Special mention is given to the use of floral tape as flower extensions and in securing flowers to one another, as well as preparing containers and the best kind of foam to use.

Some of the tools and supplies used are foam, anchor pins, sheet moss, filler greenery, stem wire, white glue and wire cutters—all available at most hobby shops.

To obtain **BASICS OF FLOWER ARRANGING**, #GM27, send \$3.50. You might also wish to order **DRYING FLOWERS WITH HOUSEHOLD PRODUCTS**, #U105—\$3.50, **SILK FLOWERS**, #HA48—\$2.95, or **ARRANGING WITH SILK FLOWERS**, #HA63—\$2.95. All above prices include first class postage and handling.

Also available is our 112-page **PATTERNS FOR BETTER LIVING** catalog, picturing over 700 woodworking and handicraft projects—\$1.95. Print your address and send check to **Tom Niekarz, c/o Carolina Country, P.O. Box 2383, Van Nuys, CA 91409.**



U-BUILD PROJECTS



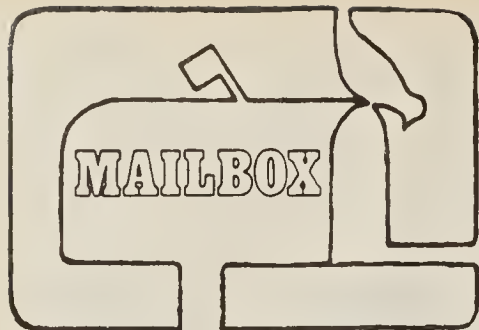
A New Arrangement

Here's an easily-built work center that will keep your sewing needs close at hand while avoiding clutter. This unit measures 36" long x 15" wide x 44" high. Storage benefits include a pattern file, portable tote tray to hold mending, a rack for thread spools and three large slide-out trays for fabric.

This is a project even an amateur can tackle. Simply trace the full-size pattern onto 3/4" plywood and saw out. Then follow our step-by-step photos and instructions.

The **SEWING CABINET** Pattern #368 is \$3.50. For a collection of 5 cabinets which includes the #368, ask for **SEWING CABINET** Packet #C29 for \$7.50. Pattern prices include first class postage and handling. Send check or money order to **Steve Ellingson, c/o Carolina Country, P.O. Box 2383, Van Nuys, CA 91409.**





U.S. Needs A Tax "On All Pollutants"

I agree with R. F. Saxe (Mailbox, December) that wood burning should be regulated. I also agree with Mr. Saxe that fossil fuel burning is too laxly regulated. I therefore favor a pollution tax on all pollutants, the amount of the tax to be based on the volume and hazardousness of the pollutants, with a sizable percentage of the tax monies to be used to restore the quality of our natural environment. I expect Mr. Saxe to oppose that suggestion, since such a policy might prove the death knell for the nuclear industry.

The negative impact of nuclear power on the environment is much greater than that of wood burning or of solar energy. That is my informed opinion, based on four years of extensive study and intensive meditation. Mr. Saxe disagrees. I defend his right to his opposing opinion and I welcome any reasonable discussion of the topic. Saxe's letter, however, is quite unreasonable. He introduces dubious and deceptive facts and figures. He distorts and perverts my points. He tries to win by intimidation an argument that he cannot win with information. I reply:

A. The predominant ingredients of London smog are sulfur oxides, mainly from electric generating plants and large industrial plants, and carbon monoxide, mostly from high-compression, internal combustion engines. Yet Saxe avers that the Great London Air Inversion of 1952 was "caused by people like Mr. Spicer and Mr. Hodges," who heat our homes with wood, a statement that is illogical . . .

B. Although I do not champion coal-burning, I must point out that the approximately three parts per million of radioactive substances in coal is miniscule compared to the approximately three parts per hundred of the radioactivity in nuclear reactor fuel. Furthermore, the scrubbers that remove sulfur oxides from coal smokestacks also remove between 90% and 95% of the radiation. Furthermore, more than fifty radioactive elements are created in the fission process in nuclear reactors. Thus, as far as radiation is concerned, nuclear energy is much more culpable than is coal-burning.

C. That I did not mention fossil fuel burning in my previous letter does not mean, as Saxe implies, that I "brush under the rug" the problems with fossil fuel burning, but only that fossil fuel burning is irrelevant to the comparison of wood burning and nuclear electricity, which was what the original controversy was about. Indeed, considering that fossil fuels include peat, natural gas, coal, petroleum and the derivatives of petroleum such as kerosene and gasoline, and considering that world population is in the billions, the figure of 51,000 yearly deaths that may result from fossil fuel burning seems low to me

D. To dismiss the perils that radioactive wastes pose to our descendants by asserting, as Saxe does, that "other countries have demonstrated and are using completely adequate procedures" of disposal and that "this country is not, due to political ineptitude and to the efforts of nuclear critics . . .", is to flagrantly mislead your readers. Although the nuclear industry has had over 20 years to solve the problem of radioactive wastes, only a very small amount of high-level wastes have been stored permanently, and that only recently, and that only experimentally. And that, I contend is only because of nuclear critics, not despite them.

Before there was an anti-nuclear movement, before nuclear power became a political issue, utilities were content to bury their wastes in barrels in topsoil when they were not dumping them in rivers and oceans. Many other countries, including Belgium, the Netherlands, Switzerland and Great Britain still



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dump their wastes in the oceans. Although a few countries are now experimenting, as is the U.S., with promising procedures such as deep burial in granite and in salt, no one now knows if these experimental procedures will prove adequate, as the cumulative intensity of the radioactive heat can not be determined until many years later. The available evidence, from the EPA and the U.S. Geological Survey, indicates that whatever containers are used are likely to corrode and to leach their contents into the water table. The critical problem of nuclear waste disposal is not easily solved.

We must decide, and soon, how to handle in the safest way the 33 tons of spent fuel and the 50,000 cubic feet of low-level wastes produced yearly by each operating nuclear reactor. About 3,000 metric tons of spent fuel are now stored on-site. About 71 million gallons of high-level wastes are now being stored "temporarily." In total, we already have about seven million cubic feet of radioactive wastes to dispose of, which is a very good reason not to produce anymore, just as the hazardousness of other energy sources is a good reason to discontinue the most hazardous and the least beneficial source of energy: nuclear fission.

Paul Hodges
Rt. 5, Mt. Airy

We Must Avoid "Billowing Clouds Of Smoke"—Whatever Fuel We Choose To Use

Wood heat is simply not responsible for those thousands of deaths R. F. Saxe cited in his December letter to this column.

The estimate of 51,000 deaths in 1980 was for fossil fuel burning. Wood is not a fossil fuel. We'll get to coal later, but the discussion has been wood vs. nuclear, not nuclear vs. coal.

Next, that British air pollution disaster in the early 1950s: A trip to the library revealed that homes and industries burning low-grade coal, not wood, were the source of the problem.

Now, what about pollution from woodburning?

The state of Vermont has some news for us. Its Agency of Environmental Conservation recently completed three years of continuous air

monitoring at Waterbury, Vt. Residents of that town burn a lot of wood. The results showed that 80% of all winter emissions came from automobile and truck traffic, not wood burning. As better stoves come on the market, the situation should improve still further.

By the way, I don't like billowing clouds of smoke either. Wood can and should be burned without smoking out the neighbors; that's what I try to do. The concern about people "who have no choice but to breathe . . . pollution" should address indoor, not outdoor, air pollution; in many homes, the indoor air is worse.

Compare the state of wood-burning, then, with that of the nuclear power industry. Even after more than 25 years and \$40 billion in taxpayer-borne subsidies, those folks still haven't got it right. Many existing plants run terribly (as with the Brunswick station), and costs of new plants keep zooming upward (as with the EMCs' own share of Catawba Unit 1).

And what about radioactive waste disposal? Well, it seems awfully early to call European research successful, considering the tens of thousands of years the waste storage systems must function over. My sincere hope is that safe means of storing this waste are found. To suggest that people aware of the risks involved actually want such systems to fail is cynical at best, and monstrous at worst.

Finally, let's look at the conclusion Mr. Saxe jumped to: if someone doesn't support nuclear power, they must love coal instead, so they are accountable for pollution-related deaths from coal-burning. After all, what else is there?

This reasoning disregards conservation and alternative energy sources; that is, it disregards any hope for a sustainable, affordable energy future. (It also disregards the tremendous progress being made in cleaner coal-burning, such as fluidized-bed combustion.)

David Spicer
Rt. 1, Canton

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Prize-Winning Recipes From Two Creative Tar Heel Cooks

A couple of creative Tar Heel cooks came up with the prize-winning recipes reprinted here.

"Sesame Picnic Kabobs" by William Wyatt of Kinston was judged to be the best recipe in a pork cookout contest at last fall's North Carolina State Fair. The contest was sponsored by the N.C. Pork Producers Association.

"Plantation Turkey" by Elizabeth Kendall of Wilmington won first place in a turkey-cooking contest sponsored by the N.C. Turkey Federation.

For reprints of all the pork contest recipes, write to the N.C. Pork Producers Association, P.O. Box 25727, Raleigh, N.C. 27611. Ask for a copy of "Pork Chefmanship Contest Recipes."

For a copy of all five winning turkey entries, five honorable mention entries and other recommended recipes, send a stamped, self-addressed envelope to: Turkey Contest Results, N.C. Turkey Federation, P.O. Box 2431, Raleigh, N.C. 27602.

Plantation Turkey

1 to 1 1/2 pounds turkey breast, cooked and sliced
1/4 pound baked country ham, thinly sliced
1 box cornbread mix
1 (4-ounce) can mushrooms
2 cups milk, hot
1 teaspoon salt
4 tablespoons butter or margarine
4 tablespoons flour
2 cups Swiss or sharp cheddar cheese, grated
Cheese for topping

Prepare and bake cornbread according to package directions in 9-inch square baking dish. Meanwile, melt butter or margarine in saucepan, add flour and when blended, slowly stir in hot milk. Add salt. Cook until thickened. Add cheese and mix thoroughly. When cornbread is done, top with 1/3 of sauce, layer of ham, 1/3 sauce and layer of turkey and mushrooms. Top with remaining sauce. Sprinkle generously with cheese. Bake at 375 degrees until hot and lightly browned.

Sesame Picnic Kabobs

1 pound pork tenderloin, marinated 6 to 8 hours
1/2 cup prepared black coffee
1/2 cup soy sauce
1 large onion coarsely chopped
2 cloves garlic, minced fine
1 tablespoon water
1 tablespoon Worcestershire
1 tablespoon sesame seed oil
Bacon slices
Vegetable kabobs

Place cubes of pork loin (or any other cut of boneless pork) in marinade, overnight. Skewer with bacon slices and vegetables of your choice and cook over white coals 30 minutes or longer as dictated by thickness of meat. Strain onion pieces out of marinade and cook marinade over grill—use to baste kabobs. When serving kabobs, sprinkle with toasted sesame seeds. Yield: 4 servings.

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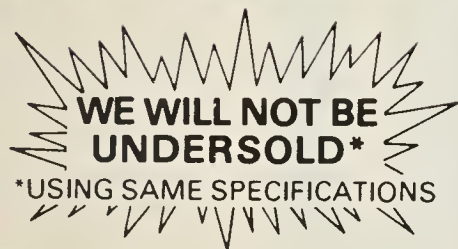


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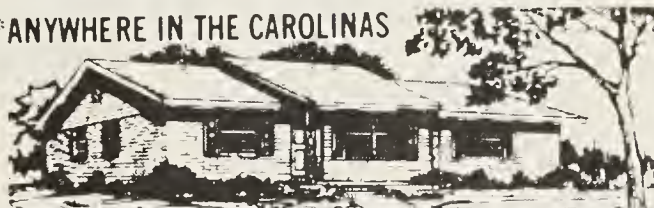
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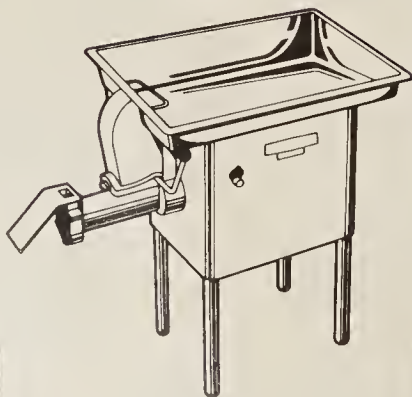
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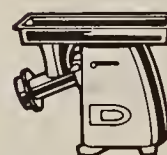


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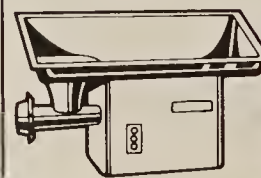
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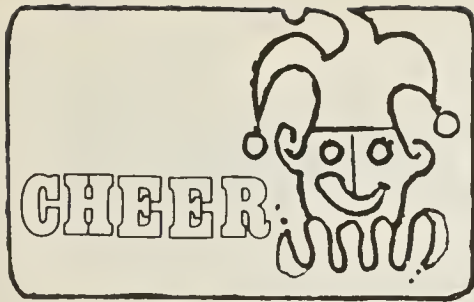
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to the President of the United States and asked him to give me a permit to seize all the stills and gather up all the bottles filled with this terrible stuff."

"When I get that permit," he continued, "I'm going to empty all the whiskey kegs, bust all the whiskey jars and pour all the whiskey into the river. And on New Year's morning you will see the river flowing high with liquor. I've said my piece. Now let the choir sing."

The choir leader stepped forward and said, "The hymn this morning is *Shall We Gather At The River?*"

.....

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She explained to his honor that she was a school teacher and requested an immediate disposal of the case in order that she might return to her classes.

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You see, if you're suffering from arthritic or rheumatic like pains, I can sympathize with you, because I, too, suffered for a long time from the constant pain and crippling effects of rheumatoid arthritis. TODAY I'M NO LONGER MISERABLE. I know you can gain relief, too, just as my patients and I have been able to do, when you follow the simple, NATURAL method I give you in a Special Report!

If you're one of those who insist on sticking to useless medical treatments — consisting mainly of aspirin or drugs like cortisone or gold injections that can damage organs, cause internal bleeding and have other numerous side effects—I feel sorry for you.

Let me say this flatly, right here and now: *There is no medical drug or chemical compound that will cure arthritis or rheumatism.* So I feel sorry for drug users because I know they'll continue to suffer.

But WHY suffer, when you can join the many who report spectacular relief with my simple, NATURAL method! Those who do will enjoy freedom from pain, greater mobility, and better health. Because as far as I'm concerned, arthritis is not the incurable disease so many doctors think it is!

HOW I DISCOVERED 5 SPECIAL FOODS THAT GIVE MARVELOUS RELIEF TO ARTHRITIS AND RHEUMATISM SUFFERERS!

At the end of my first year in practice, I noticed that 85% of my patients were suffering from arthritis, rheumatism, bursitis and related disorders. I, myself, became a victim. My left shoulder was excruciatingly painful, and whenever I bent over I could hardly straighten up. My fingers were swollen, stiff and painful. Each morning I had to run hot water over them before they would function at all.

Since I am a chiropractor, my hands are my living, so I knew I had to find an answer. I soon found that standard medical textbooks had no answers for me. I then turned to the field of nutrition. Within a comparatively short time, I learned how to relieve my sore and aching joints and muscles.

What it all boils down to is 5 specific foods that have helped me and my patients—and that can also help you—gain marvelous relief from arthritis and rheumatism!

1. The first is the oil of a common nut. Not only will this oil help your rheumatism or arthritis, but it

can also improve your general vitality, clear up your complexion and make your hair shine. I discovered it quite accidentally when a patient came to me troubled with impotence. I recommended this oil because it contains a sex vitamin. Not only was his impotence cured, but his arthritic shoulders were relieved. I've been using it ever since.

2. Another pleasant tasting oil you must take, with my method, is effective in relieving the symptoms of rheumatism and arthritis. You see, it helps the body absorb a certain nutrient. It is a must in my treatment.

3. This nutrient is essential to bones, for without it, bones weaken and the person winds up with osteoporosis as well as rheumatism or arthritis. That's why you often see older people hospitalized with a hip or leg fracture. This nutrient is absolutely necessary for the healing of wounds, to prevent bleeding and more. One of the first signs that you need it is the appearance of muscle cramps, often at night!

4. A common grain product which, according to recent laboratory research, contains large amounts of a powerful anti-stiffness factor. This food is also a powerful detoxifying agent. It helps provide resistance to disease, and is especially effective in arthritis, fibrositis, neuritis, and bronchitis. I first learned of its value in relieving arthritis from a patient with rheumatoid arthritis — a bad case. With this amazing substance, he was soon out of his wheelchair and completely free of pain.

5. A delicious fruit I use in all cases of arthritis, rheumatism, and gout. I first heard about this remedy from my Aunt Martha, who lives in the Ozarks. She is nearly 90 now, but still extremely active. She wrote me at once to tell me about how she cured her ailment at home, with this delicious fruit.

IS THAT ALL THERE IS TO IT?

Basically, that's it. No enemas, no harsh exercises, no bigger and better pills, no expensive diathermy, whirlpool, gadgets or hocus pocus.

MY FILES ARE FILLED WITH CASES THAT READ LIKE MIRACLES!

Now let me give you a few brief case histories so that you can see for yourself just how effective these methods are.

• Anna M. suffered from rheumatoid arthritis for more than 3 years before she came to me. She suffered day and night and was taking three aspirin every three hours. She could hardly get one foot ahead of the other to walk. Nor could she raise her arms to comb her hair. With my method, after six months, you would not recognize her. All pain was gone and she had no limitation of movement. Today, she has a large vegetable garden which she takes care of all by herself.

• Vernon R. had rheumatoid arthritis for several years. He was put on cortisone therapy by a prominent rheumatic specialist at a well-known hospital. One day, after several months of treatment, Vernon bumped his arm on a chair and broke it. When Vernon asked his doctor how this could happen, he replied, "Oh, broken bones often occur with cortisone treatment." Over his doctor's objections, Vernon stopped his cortisone therapy at once and came to me. With my method, after only 3 months, he completely forgot that he'd ever been sick. His aches and pains were gone!

• When Helga C. came to me, her knees were so stiff and sore she could hardly get in and out of a car. Her former doctor diagnosed her as having osteoarthritis. The things he told her to do—rest, use a

MEET THE AUTHOR

Dr. Van Fleet's work in arthritis and rheumatism is doubly important for he has used his methods and techniques to heal the constant pain and relieve the crippling effects of rheumatoid arthritis for himself as well as his patients.



Dr. Van Fleet's astonishing methods are now revealed for the first time in a condensed Special Report, A Doctor's Proven New Way to Conquer Rheumatism and Arthritis, for the benefit of the millions who need its help so desperately.

James K. Van Fleet received his Doctorate in Chiropractic from Logan Chiropractic College in St. Louis, Missouri. He pursued graduate studies at 2 leading professional colleges, and has done extensive work and research in the fields of nutrition and folk medicines and has specialized in clinical research in arthritis and rheumatism throughout his years of practice.

He is a charter member of the Nutrition Today Society, and a member of the National Academy of Nutritional Consultants.

heating pad, take aspirin—she'd already been doing, and she was furious. So she came to me. With my method, she improved remarkably. It has been a year now, and she has had no more trouble with her knees. She doesn't take aspirin at all any more, needs no heating pad, and says she has absolutely no pain in her knees when she scrubs her kitchen floor.

• Lucy was no longer able to use her hands. The joints of her fingers were swollen and stiff, with agonizing pain. Her former doctor gave her no hope of recovery. He recommended aspirin and said that some cortisone shots might possibly help. May be even some sort of operation. Then she tried my method. Within two months, the swelling in her hands was down, and there was soon no visible trace left of her arthritis.

I could go on indefinitely with case histories, but these should be enough to show the results that can be gained. I can only urge you to send for my Special Report. This Report is available in a Limited Edition only.

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State Is Getting "Crowded"

If you're the cowboy type and yearn for wide open spaces, North Carolina may be getting a bit crowded for you: The state's population has now reached six million. Only nine states have more people than that.

North Carolina still is thought of as a heavily rural state. It doesn't have any very large cities of a million or even a half-million people.

The combined population of the state's four largest cities—Charlotte, Raleigh, Greensboro and Winston-Salem—is only about 800,000.

The state has several "super farms," each covering thousands of acres. On the other hand, the average size of all farms in the state—nearly 90,000 in number—is only 123 acres, far smaller than the national average farm size of 430 acres.

Despite the state's heavily rural character and flavor, its population density is rather high, says Dr. Selz C. Mayo, professor emeritus of sociology and anthropology, North Carolina State University.

The number of people per square mile of land area in the U.S. is 64, whereas in North Carolina the average population per square mile is 120.38.

On the average, in other words, the Tar Heel state is almost twice as "crowded" as the entire nation.

North Carolina's population of 120 per square mile is more than double that of Texas (54) and is much larger than that of such Southern states as South Carolina (103), Georgia (94), Kentucky (92), Alabama (77), Mississippi (53), Arkansas (44), Louisiana (94) and Oklahoma (44).

It is well ahead of Tennessee's population density of 111 but falls short of Florida's 180, Virginia's 134, Delaware's 300 and Maryland's 426.

Except for California, which has 151 people per square mile, most states west of the Mississippi River have a lower population density than does North Carolina.

Carolina Country March 1983

THIS MONTH'S TEST AD!

Who Else Wants A **GENUINE DIAMOND LCD CALENDAR WATCH**

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(also features built-in computer)

As a test of how many people will read small space ads in this publication, we will send to everyone who returns this notice within 30 days an LCD QUARTZ CALENDAR WATCH STUDED WITH GENUINE DIAMOND for just \$10. Each of these magnificent Digital Calendar Watches—which feature a brilliant .25 pt. hand-polished diamond—displays at a push of a button, in full digital read-out: **day—date—hour—minute—second**. Also has built-in computer, so never needs winding and is accurate to within one second per month! Genuine dia-

mond guaranteed to be brilliant round-cut .25 pt. diamond and will be accompanied by a Certificate of Authenticity to that effect. LCD watch guaranteed for 5 years—or free replacement at any time! There is a limit of five (5) watches per address for this test readership ad . . . and this original notice must accompany your request. Photocopies will not be accepted. To apply, mail this notice together with \$10 (plus \$2 shipping and insurance) for each watch desired. NOTE: Specify quantity and color choice for each as follows:

QTY. ____ GENUINE DIAMOND set in Ruby Red Face (Model #101)

QTY. ____ GENUINE DIAMOND set in Emerald Green Face (Model #102)

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QTY. ____ GENUINE DIAMOND set in Onyx Black Face (Model #104)

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TEST RESPONSE DIVISION, Dept. DCW-20

17 Barstow Road, Box 973, Great Neck, NY 11022



WASHINGTON SCENE

President Pushing "Crop Swap" Plan

President Reagan, who came to office dedicated to a system of free markets and open competition, has now embarked on a farm program of acreage control and federal regulation reminiscent of the FDR era.

In an effort to help lessen the federal deficit, now estimated to reach nearly \$200 billion this year and next, the president has offered farmers incentives not to grow wheat, corn, sorghum and rice next year and to get paid for not doing so.

The program would give farmers grain from government stockpiles in exchange for the grain they would have grown on the acres they decide not to plant. The farmer could cut his acreage by as much as 50 percent and get paid for it.

The plan was originally called Payment in Kind (PIK); the president chose to call it "crop swap".

Congress hasn't approved the plan, and there is some opposition to it, but Reagan was advised that he had authority to start it without congressional approval, and told the national Farm Bureau he was putting it into effect.

The president has some strong reasons to act.

In government storehouses are 400 million bushels of corn, 185 million bushels of wheat, 73,000 bales of cotton and enough rice, as one official said, to keep the country in chow mein through eternity.

Last year, farm supports—the amount the government paid

farmers for the grain placed in storage—totalled over \$12 billion. Another bumper crop could have cost even more next year.

By paying off farmers in surplus grain for acres they don't plant, the government hopes to save \$5 billion in support payments and also to reduce the surplus, which will increase the market value of a bushel of grain or a bale of cotton.

It sounds like a reasonable program, even though it hardly fits the theory of Reaganomics, which is to turn the free market loose and let competition decide the winners and losers in the market place.

Here, briefly, is how the plan would work:

A farmer who decided to reduce his number of acres of grain this next year would be given a slip of paper at harvest time. With that, he could go to the nearest government storehouse and take title to the number of bushels of grain he didn't grow.

He could sell the grain or take it home to use it for feed. The government would pay the storage for five months while he decided what to do and also cover the cost of transporting the grain after he reached a decision.

Farm Bureau members seemed to approve the plan in general, although most were cautious and said they would want to study it further before deciding to participate.

There was little immediate comment from Congress, as members apparently wanted a chance to assess its impact on their own districts and on the farm

situation generally.

But some congressional aides had comments which probably reflected the concerns of their bosses.

"It doesn't affect North Carolina all that much," said one staff assistant to a Tar Heel congressman from a rural district, "since we aren't a big grain state and we don't grow that much cotton anymore. But as it affects American agriculture, it affects us all.

"It could cause some damage. Most farmers borrow money and the loans come due at harvest time. Suppose farmers, needing money, dump all the grain on the market when they get it, to meet their obligations at the banks. That could cause the price to drop sharply."

”

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North Carolina
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but as it affects
American
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affects us all.**

“

Another staff aide, who deals in agricultural matters, said the program may be an omen of things to come.

"Clearly," he said, "the government is giving a signal that it wants to get out of the business of agriculture, even though this temporary plan gets the government into farming in a New Deal way. It could spell trouble for the tobacco program when that comes up this year, because it seems to get less support every time it comes up for renewal."

If this should be the case—and the tobacco price support became a victim of the attempt to help reduce the federal deficits—it

If your lender thinks farm home improvements only mean rebuilding a pump house, you're borrowing at the wrong place.

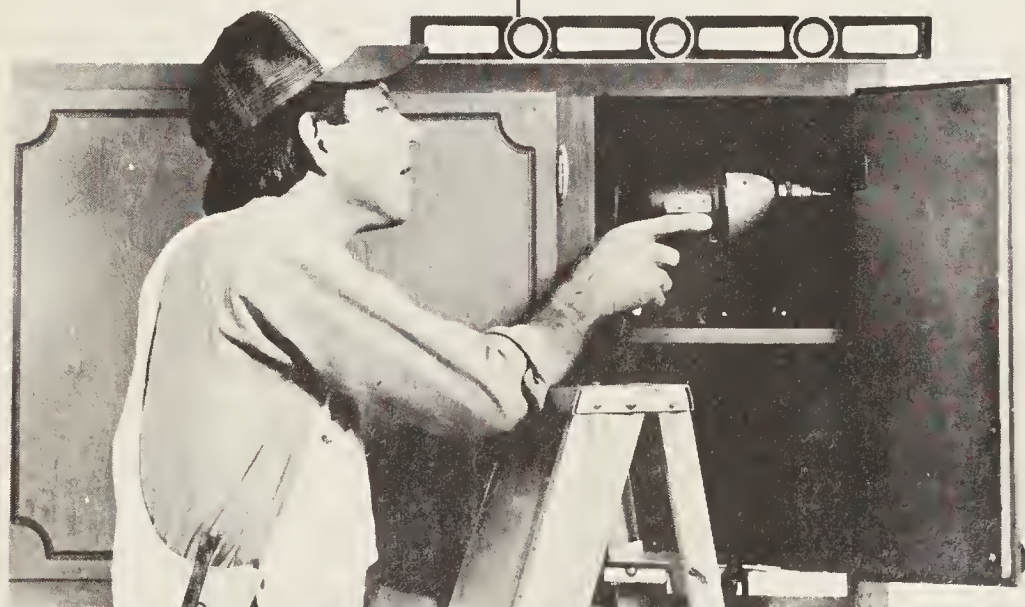
At Farm Credit, we speak Farm Home Improvements. We're farmer-owned, farmer-controlled cooperative lending institutions, so we understand how much farm life has changed over the years. We also appreciate the influence those changes can have on your need for a home improvement loan.

As America's dependable source of agricultural credit, we make loans for kitchen and bath remodeling, carpeting, air

conditioning, room additions—and a lot more that adds to the quality of farm life.

There's an office near you. Call or come by today and talk home improvements with people who speak your language.

FARMING
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We speak your language.SM



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Farmer
Cooperatives



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Intermediate-Term
Farm Credit



Long Term
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would have a very real impact on North Carolina.

Some people will certainly feel the effects if some 20 million acres are taken out of production this year, as the administration hopes. Fertilizer dealers, farm equipment suppliers and other related businesses certainly will lose and many may go out of business, at a time when bankruptcies and business failures are at a record high.

Some tenant farmers may be forced to leave the land, if the acreage they tend is taken out of production by landowners who decide to accept the "crop swap". This would be a loss to American agriculture, which even now is losing 1,000 farmers each week.

But to most Washington observers, the announcement by the president is understandable. Everyone agrees that the nation cannot afford deficits of the size that are predicted for the next three years unless something is done.

It took some 200 years and more for the country to accumulate a national debt of a trillion dollars. Now, unless something is done, that could almost double in the next five years—and this could stifle hopes for an economic recovery. The Reagan Administration cannot stand such a situation politically and the country cannot stand it economically.

So the nation's farmers may be only the first sector to feel the efforts of a government that is seeking to cut expenses. Others will certainly be affected in the near future.

Only spending for national defense seems untouchable, and even that has been cut by the administration recently—although it still remains 14% higher in 1984 than it is this year.

But Congress may cut it more than the president and the Pentagon want.

The climate in Washington has changed drastically since the 1982 elections and President Reagan is expected to have much bigger problems on Capitol Hill than he did during the first two years of his tenure.

Public And Private Economic Programs Needed

The chief spokesman for the nation's rural electric systems has called the administration's economic policies unsuccessful, saying it's time to "use the great resources of government to help bring about a quick return to economic health for our nation."

Robert D. Partridge, executive vice-president and general manager of the National Rural Electric Cooperative Association (NRECA), told delegates attending the 41st Annual Meeting of the organization that the economy's recovery would not come quickly enough with the policies and practices pursued by the administration.

The question is, he said, "how much economic damage we will suffer."

"It is clear," Partridge said, "the government will be the key factor" in solving the nation's economic problems. The private sector, including the rural electric program and the rest of the cooperative movement, cannot do the job alone, he continued.

"Farm prices and farm income have tumbled to a point which can only be described as a depression. Foreclosures, bankruptcies and the other tragic symptoms of extreme hardship have hit agriculture and rural America full force," the rural electric leader pointed out.

Referring to the "intricate fabric of American society," Partridge stressed that adversity for one sector means "adversity for all"—farmers and city dwellers, labor and business.

Partridge acknowledged that America's economy is one in transition and that the change from a great industrial nation to one that is service and communication-based carries "profound implications" for all of us, including the rural electrics.

Pointing out that rural electric systems provide "what we know is the most efficient and versatile form of energy," he noted that "no nation and no society can move forward

without ample quantities of energy."

Partridge told delegates that "we must support positive and aggressive programs in both the public and private sector to put America back to work and to make family farming profitable."

Since 1961, rural electric systems have helped start and expand nearly 14,000 new commercial, industrial and community facility projects, producing over 700,000 new jobs that have enabled rural residents to find off-farm employment and continue to operate family farms, he said.

In another address, Rep. Kika de la Garza (D.-Tex.) warned the Reagan administration that it can't balance the budget on the backs of rural America.

Citing the hardships farmers are experiencing in low prices and sharp losses of income, Rep. de la Garza, chairman of the House Agriculture Committee, noted the drastic budget reductions the administration has proposed in programs such as the Rural Electrification Administration (REA) loan programs.

He charged that the "cost overrun

on one ship for the U.S. Navy is more than the entire REA loan program."

He said the administration is trying to take the pressure off growing demands for cuts in its defense budget.

"They're trying to distract our attention with talk of missile gaps and clusters," de la Garza charged, "but I'm more concerned with one young farmer than missiles."

De la Garza criticized the administration for attempting to reduce federal spending without always considering the consequences.

"They are dealing in figures without any faces behind those figures," he said. "Sterile numbers created in a vacuum create only misery."

New officers elected at the national meeting were Guy C. Lewis, Jr., manager of Rappahannock Electric Cooperative, Bowling Green, Va., president; Vernon C. Williams, a director of Yampa Valley Electric Association, Steamboat Springs, Colo., vice-president and Don M. Heathington, manager of Central Valley Electric Cooperative, Artesia, N.M.

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Tar Heel State Profiled In Film

North Carolina: A Special Kind of Splendor, a 16-millimeter travel film about the Tar Heel state, is now available without charge for showing to civic clubs and other organizations.

The 28-minute film offers a cinematic perspective on the natural beauty of the state and its prominent attractions. It features appearances by native sons Charles Kuralt and Andy Griffith.

The film was produced for the state Division of Travel and Tourism.

Prints of the film are available on loan from the Media Instruction and Support Center, University of North Carolina, R. B. House Undergraduate Library 063-A, Chapel Hill, N.C. 27514. Phone: (919) 962-2559.

A 10-minute version of the film is also available from the Division of Travel and Tourism, 430 N. Salisbury St., Raleigh, N.C. 27611. Phone: (919) 733-4171. The division can also provide information regarding a video tape version and answer questions about the purchase of a print.

Janice Cole has appeared on Broadway for two years in "Children of a Lesser God". She is deaf.

President's Committee on Employment of the Handicapped, Washington, D.C. 20210

Here's Where To Write Tar Heel Congressmen

Below are the current addresses of members of the North Carolina delegation in the House of Representatives reflecting changes which occurred in January.

Sen. Jesse Helms and Sen. John East have not yet moved into their new quarters. Their new addresses will be printed as soon as they become available.

1st District

Walter B. Jones
241 Cannon Office Building
Washington, DC 20515

2nd District

I. T. Valentine
1107 Longworth Office Building
Washington, D.C. 20515

3rd District

Charles Whitley
104 Cannon Office Building
Washington, D.C. 20515

4th District

Ike F. Andrews
2201 Rayburn Office Building
Washington, D.C. 20515

5th District

Stephen L. Neal
2463 Rayburn Office Building
Washington, D.C. 20515

6th District

C. Robin Britt
327 Cannon Office Building
Washington, D.C. 20515

7th District

Charles G. Rose, III
2230 Rayburn Office Building
Washington, D.C. 20515

8th District

William G. Hefner
2161 Rayburn Office Building
Washington, D.C. 20515

9th District

James G. Martin
2186 Rayburn Office Building
Washington, D.C. 20515

10th District

James T. Broyhill
2340 Rayburn Office Building
Washington, D.C. 20515

11th District

James McClure Clarke
415 Cannon Office Building
Washington, D.C. 20515

It's A "Natural"

If you're in business selling products or services to people across North Carolina, *Carolina Country* is a "natural" as a vehicle for your advertising messages. Here's why:

- With a circulation now totaling more than 310,000 families, the magazine reaches more Tar Heel readers than any other North Carolina-based publication.
- The audience is totally rural and suburban, with a mix of farm and non-farm families. It's good folks just like you.
- The cost is modest. This ad, for example, would cost less than \$1.60 per thousand circulation. And the rate is even less for six-time and 12-time insertions.

For more details, write to: **Advertising Sales, Carolina Country, P.O. Box 27306, Raleigh, N.C. 27611. Please include your name, address and daytime telephone number.**

Just Plant 'Em—Stake 'Em—Tie 'Em—Pick 'Em! See Them Rocket Forth In A Cluster-Packed Pillar of Fruit

NOW! GIANT MAN-HIGH STRAWBERRIES!

SO BIG AND JUICY—JUST A SINGLE SLICED-UP BERRY TOPS AN ENTIRE BOWL OF CEREAL!



Red Rocket Strawberry is our trade name for Hecker Variety, developed by Calif. University plant scientists, Davis, Calif. And of course, all claims are based on optimum growing conditions. All orders shipped for proper planting time in your area.

Yes, it's true! Recently released by Calif. University Plant Scientists... An Incredible wonder-hybrid that you simply grow on a trellis, pole, fence or side of your house... and be absolutely amazed as you train it to 'polevault' high as a man... loaded down with teeming clusters of fruit... THIS VERY SEASON!

WHO EVER HEARD OF PICKING STRAWBERRIES BY REACHING OUT YOUR WINDOW

Here's one of the most spectacular sights in all of nature. Guaranteed to bring traffic to a screeching halt in front of your house this very season! As these wondrous "RED ROCKET" strawberries... roar forth into a man-high 'berry-factory', simply loaded with teeming bowlfuls of the most meaty, sugar-packed taste-treats you've ever sunk a tooth into. Why you'll pick 'em by the pintful this very summer—thanks to the most outrageous outpouring of fruit imaginable.

A LIVING STRAWBERRY WATERFALL! SIMPLY PLANT THEM—STAKE THEM—TRAIN THEM—TIE THEM—SEE 'EM ZOOM HIGH AS A MAN IN A SINGLE SEASON!

Yes, unlike regular strawberries that you grow on the ground... you simply plant these wonder plants smack in the middle of any garden fence—trellis—side of your house or garage—why even a drainpipe or a plain old clothesline pole and thrill to see them erupt in massive cascading sprays of fruit like a whole 'strawberry farm' marching up and down in waves of luscious fruit!

Can't you just see the looks of amazement on your neighbors' faces when you invite them to dinner... and tell them to reach out of your dining room window to pick their own luscious strawberry dessert right off the vine! And not some skimpy little berries... but sugar-packed giants SO HUGE AND MEATY, they're virtually impossible to circle with the finger of one hand... YOU ACTUALLY NEED TWO!

IN FACT—BERRIES SO BIG YOU CAN BARELY SQUEEZE MORE THAN ONE IN YOUR MOUTH AT A TIME!

Yes, these 'Red Rocket' Strawberries are so eager to grow—so desperate to produce... you'll drape your walls, trellises, fences in cascading fountains of fruit... as these man-high beauties reward you with the most incredible parade of "MAN-HIGH" fruit, flowers and foliage you've ever seen in your life. Yes, teeming bowlfuls of sugar-packed beauties:

SO BIG & JUICY—

Just one berry makes a spoonful!

SO HUGE & MEATY—

Just a single sliced up berry makes a whole strawberry tart... and 5 or 6 make a whole strawberry shortcake!



SO FAST-GROWING—

they flare out in a man-high column of fruit as they stream up and down your fences and trellis in a 6 foot tower of fruit, flowers and foliage.

AND THEY MULTIPLY—SO YOU GET UP TO TWICE AS MANY EACH AND EVERY YEAR!

And remember—because these 'RED-ROCKET' strawberries multiply, when you follow the easy growing instructions, for every berry-laden, man-high vine you grow this year, you'll still get more next year... and still more new plants for years to come. Meaning: berries by the bowlful year after year after year!

ACT NOW! THE SOONER YOU PLANT THEM, THE SOONER YOU'LL ENJOY THESE MAN-HIGH STRAWBERRIES!

Here's the best news of all—the amazing price of these wondrous 'MAN-HIGH' strawberries. Not the \$1 or \$2 per plant you might expect for such a remarkable super-bearer... but less than 50¢ apiece for thickly-rooted nursery-grown plants... and each one all set to reward you with a man-high column of fruit this very season.

But one word of caution—with an incredible wonder-fruit release like this, demand is bound to be overwhelming. To avoid disappointment, act now!

MAIL NO RISK COUPON TODAY

MAN-HIGH STRAWBERRIES, Dept. JLS-39
Box 1011, Mineola, NY 11501

Please send me in proper time for planting the 'RED ROCKET' Strawberry Plants checked below. I must be completely satisfied or my money will be refunded in full (less postage & handling, of course).

- ☐ (#006) 6 'RED ROCKET' PLANTS only \$2.98 plus 50¢ postage & handling.
- ☐ (#012) 12 'RED ROCKET' PLANTS only \$4.98 plus 75¢ postage & handling.
- ☐ (#018) 18 'RED ROCKET' PLANTS only \$6.98 plus \$1 postage & handling.
- ☐ (#024) 24 'RED ROCKET' PLANTS only \$8.98 plus \$1.25 postage & handling.

STRAWBERRY LOVERS SPECIAL SUPER DISCOUNT PRICES

- ☐ (#048) 48 'RED ROCKET' PLANTS only \$15.95 plus \$1.50 postage & handling. **YOU SAVE \$10.30!**
- ☐ (#100) 100 'RED ROCKET' PLANTS only \$25.95 plus \$2 postage & handling. **YOU SAVE \$30.05!**

Amount enclosed \$_____ (N.Y. residents add sales tax) NO C.O.D.s.

Name _____

Address _____

City _____ State _____ Zip _____

Div. Willow River Nursery Sales, Inc.

Solar Energy Bank Funds Released

Officials of the U.S. Department of Housing and Urban Development say the agency will release \$30 million to implement the U.S. Solar Energy and Energy Conservation Bank, which is the brainchild of Fifth District Representative Stephen L. Neal.

A HUD spokesman said North Carolina will get \$450,000 now and more later as plans call for another \$10 million to be released during the last quarter of 1983.

The bank was created in the Energy Security Act of 1980 as a mechanism to lower the costs of borrowing money for improving the energy efficiency of homes and small businesses.

Neal's bill establishing the bank was adopted by Congress three years ago and was signed into law by President Jimmy Carter. However, regulations governing the bank were

not ready by the time Carter left office and the Reagan administration refused to proceed until being ordered to do so last year by a federal judge.

“

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The bank is designed to make payments to local lending institutions which, in turn, will provide low-interest loans, reductions in

principal, or matching grants to qualified applicants. The funds would not go to any state agencies.

Tar Heel homeowners wishing to buy or install passive solar heating systems can apply for the loans through five utilities: Carolina Power and Light Co. and four EMCs—Randolph, Asheboro; Haywood, Waynesville; Lumbee River, Red Springs and Blue Ridge, Lenoir.

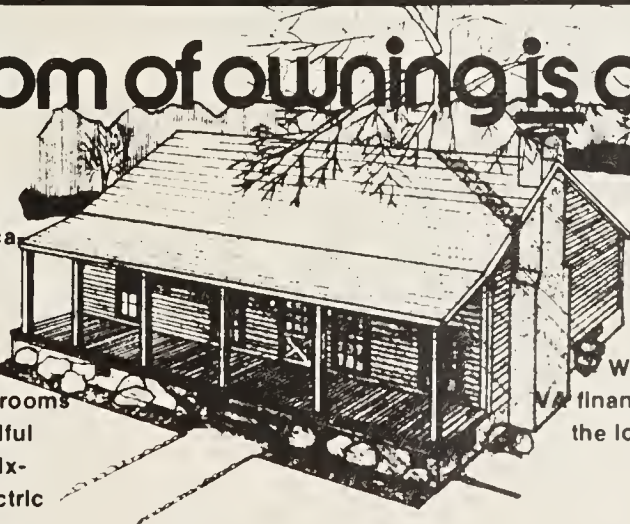
The loans can also be obtained through the four offices of Neighborhood Housing Services. And, non-profit organizations can apply through the N.C. Energy Conservation Fund.

A subsidy of up to \$5,000 per house will be available to builders of new, passive solar homes.

Only families with income levels below 150 percent of the median area income will be eligible for the loans.

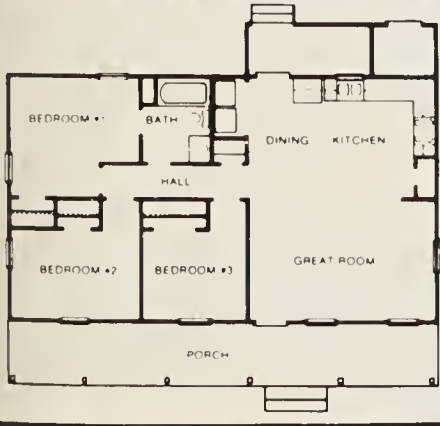
The freedom of owning is affordable!

The Frontier House is not a shell. It's completely finished, ready to move into. We'll build it on your lot to meet FHA and VA specifications. First class workmanship and materials are guaranteed. This popular model is the perfect combination of rustic charm, quality construction and convenience. 3 bedrooms and a choice of 1 or 1½ baths. Beautiful kitchen and bathroom cabinets and fixtures, thermostatically controlled electric



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Directions to my home. _____

Please send information on your Frontier and other model homes.
P.O. Box 608, Dunn, NC 28334 (919) 892-1231

Month-Long Celebration Slated For Fayetteville

Fayetteville will be tipping its hat to both history and Mother Nature during April, as the city marks its bicentennial and holds a Dogwood Festival.

The month-long celebration will feature the premiere of a play about General Lafayette, a visit by Lafayette's great-great grandson, parades, a horse show, auto shows, concerts, sports events, a street fair, an historic tour and a marked Dogwood Trail.

In addition, Pope Air Force Base and Fort Bragg will hold an open house with exhibits of military equipment and performances by the Army's famed Golden Knights Parachute Team.

The festivities begin April 8 at 8 p.m. with the premiere performance of the play at Fayetteville Little Theatre.

The play will be presented Wednesday through Sunday through April 24.

The bicentennial parade is slated for 10 a.m. April 9, featuring Lafayette's descendant—Count Rene de Chambrun—riding in the same

carriage in which Lafayette rode during his visit to the city in 1825.

Chambrun will also address a banquet and participate in the unveiling of an eight-foot bronze statue of Lafayette at Cross Creek Park.

The Dogwood Festival gets under way April 16 with a parade, an antique auto show, a stock car exhibition and the Miss Fayetteville Pageant.

Comedian Red Skelton will perform in Cumberland County Arena April 23 as part of the festival.

The Dogwood Trail, which will be marked April 16-24, will be a self-guiding auto tour through 20 miles of residential areas where dogwoods are bountiful.

The military bases will hold the open house April 23, beginning at 9 a.m. The event will feature entertainment by the 82nd Airborne Division band and chorus.

For more information about the celebration and schedules for the events, write or call David Ross, P.O. Box 35297, Fayetteville, N.C. 28303. Phone: (919) 864-5222.

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Advertising that does not conform to these standards or that is deceptive or misleading is never knowingly accepted. Should you encounter non-compliance with these standards, please inform the editor at P.O. Box 27306, Raleigh, N.C. 27611.

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Weigela, Red, 1-2 ft. .95 ea.
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Pussy Willow, 3-5 ft. .195 ea.
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Double Pink Flow Cherry
1/2 1 ft. .98 ea 3-5 ft. 5.95 ea
Flow Crab, Red, 3-5 ft. 2.98 ea
Magnolia Soulangeana, 1-2 ft. 2.95 ea
European Mt. Ash, 3-4 ft. 3.95 ea
Red Flow Dogwood, 2 ft. 6.95 ea



CROWN VETCH 20 for 2.98
Popular perennial ground cover that beautifies problem slopes and banks. Needs no maintenance or mowing. Thrives in any climate, in sun or semishade. Winter hardy, it provides effective erosion control, actually improves soil.



WHITE DOGWOOD (4-5 ft.)

Large, white, single blossoms are conspicuous early in spring. The foliage is attractive all summer, and the fall colors beautiful. Red berries hang on most of the winter. Use as a specimen or in groups as a background for borders. Grows up to 30 feet high.

1 tree . . . 1.99 10 trees . . . 17.50

SHADE TREES — 1-2 Years Old

Green Ash, 4-5 ft.1.95 ea.
Golden Weeping Willow, 4-5 ft. .1.95 ea.
Silver Maple, 4-6 ft.1.98 ea.
Green Weeping Willow, 4-5 ft. .1.98 ea.
Ginkgo Tree, 1-2 ft.1.45 ea.
Pin Oak, 3-5 ft.2.95 ea.
Lombardy Poplar, 3-5 ft.79 ea.
Sycamore, 4-5 ft.1.95 ea.
Sweet Gum, 4-5 ft.1.95 ea.
Crimson King Maple, 3-5 ft. .9.95 ea.
Persimmon, 1-2 ft.95 ea.
Dawns Redwood, 1-2 ft.2.95 ea.
Jap. Red Leaf Maple, 1 ft.2.95 ea.



FRUIT TREES — 1-2 Years Old

PEACHES, Varieties: Belle of Ga., Elberta, J. H. Hale, Hale Haven, Dixie Red, Golden Jubilee, 1-2 ft.1.45 ea.
2-3 ft.1.98 ea. 3-5 ft.2.98 ea.
APPLES, Varieties: Stayman Winesap, Red Delicious, Early Harvest, Red Rome Beauty, Red Jonathan, Lodi, Grimes Golden, Yellow Trans., Yellow Delicious, Early McIntosh
2-3 ft.2.25 ea 3-5 ft.2.98 ea.

CHERRIES, Varieties: Montmorency, Black Tartarian, 2 1/2 4 ft.5.98 ea
PEARS, Varieties: Kieffer, Orient, Bartlett
2-3 ft. 3.45 ea. 3-5 ft. 4.95 ea

APRICOTS, Varieties: Moorpark, Early Golden, 2-3 ft.2.45 ea.
3-5 ft.3.45 ea.
NECTARINE, 2-3 ft.2.45 ea.
3-5 ft.3.45 ea

PLUMS, Varieties: Damson, Red, June, Methley, Burbank, Santa Rosa
2-3 ft. 1.98 ea 3-5 ft.2.98 ea

DWARF FRUIT TREES — 2-3 Years Old

DWARF PEACHES, Varieties: Elberta, Red Haven, Belle of Ga., Golden Jubilee, 2 1/2 4 ft.2.98 ea

DWARF APPLES, Varieties: Red Delicious, Yellow Delicious, Winesap, Jonathan, Early McIntosh, Lodi, Yellow Trans. 2 1/2 4 ft.2.98 ea

DWARF CHERRIES, Varieties: North Star or Montmorency, 2 1/2 4 ft.6.45 ea
DWARF PEAR, Varieties: Bartlett, Kieffer 2 1/2 4 ft.5.95 ea

DWARF PLUM, Varieties: Burbank 2 1/2 4 ft.2.98 ea



SEEDLESS GRAPES, Varieties: Concord (Blue), Lakemont (White), Suffolk (Red). These seedless grapes ripen in Sept.
1/2 1 ft. 3.79 ea 10 for . . . 37.50



TULIP TREE (4-5 ft.)

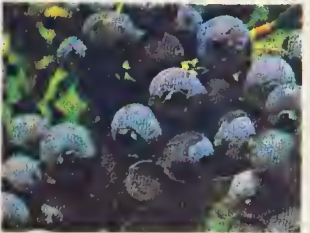
A large growing, hardy tree reaching heights of 80 feet or more. Its bright yellow leaves in the fall have tulip-shaped flowers in the spring. Rapid grower.

1 Tree . . . 1.50 10 Trees . . . 12.50

BERRY PLANTS, ETC. — 1-2 Years Old



Blackberry, 1 ft.95 ea.
Black Raspberry, 1 ft.95 ea.
Red Everbearing Raspberry, 1 ft. .95 ea.
Dewberry, 1 ft.95 ea.
Boysenberry, 1 ft.95 ea.
Gooseberry, 2 yr. 1 ft.1.75 ea.
Figs, 1-2 ft.2.45 ea



BLUEBERRIES — Weymouth, Earliblue, Bluejay, Berkeley, Bluecrop, Rancocas, Rubel, Jersey.

1 ft.2.98 ea 10 for . . . 29.50
During July and August, every bush is loaded with huge, grapelike clusters of sapphire blueberries. Need acid soil and plant very shallow.

DELIVERY DATE

Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, New Mexico, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia.

SPRING: Jan. 15 - May 1

FALL: October 1 - December 1

ALL OTHER STATES

SPRING: March 1 - May 1

FALL: Sept. 25 - Dec. 1



WHITE BIRCH (4-5 ft.)

Many people know this eye-catching native tree as White Birch or Canoe Birch. The white bark and clear yellow leaves in fall provide showy colors. Height 60 feet, spread 30 feet.

1 Tree . . . 1.75 ea. 10 Trees . . . 15.00

EVERGREENS — 1-2 Years Old

*American Holly, 1/2 1 ft.65 ea.
*Rhododendron, 1/2 1 ft.1.25 ea.
Boxwood, Juniper, 1/2 1 ft.95 ea.
Pfitzer, 1/2 1 ft.79 ea.
Red Berry Pyracantha, 1 ft.1.25 ea.
Burfordi Holly, 1/2 1 ft.95 ea.
Dwarf Burfordi Holly, 1/2 1 ft.95 ea.
Wax Leaf Ligustrum, 1/2 1 ft.45 ea.
Colorado Blue Spruce, 1/2 1 ft.75 ea.
*Mountain Laurel, 1/2 1 ft.75 ea.
*Canadian Hemlock, 1-2 ft.75 ea.
Andora Juniper, 1/2 1 ft.95 ea.
Jap. Yew, 1/2 1 ft.1.25 ea.
Baker Arborvitae, 1/2 1 ft.95 ea.
Globe Arborvitae, 1/2 1 ft.95 ea.
Gardenia, White, 1/2 1 ft.95 ea.
Camellia, Red, 4-8 inches95 ea.
Norway Spruce, 1/2 1 ft.75 ea.
Euonymus Manhattan, 1/2 1 ft.39 ea.
*White Pine, 1 ft.75 ea.
Blue Rug, 4-6 inches1.45 ea.
Golden Ligustrum, 1/2 1 ft.45 ea.
Photinia Fraseri, 1/2 1 ft.95 ea.
Foster Holly, 1/2 1 ft.1.25 ea.

VINES — 1-2 Years Old



Grape Varieties: Concord, Fredonia 1-2 ft.95 ea.
Red Scarlet Honeysuckle, 1 ft.95 ea.
Wisteria, Purple, 1/2 1 ft.1.25 ea.
Bittersweet75 ea.
*Clematis, White, 1/2 1 ft.75 ea.
Yellow Jasmine, 1/2 1 ft.1.25 ea.
*Vinca Minor Clumps35 ea.
English Ivy, 4-8 inches30 ea.
Euonymus Coloratus, 1/2 1 ft.29 ea



SUGAR MAPLE (4-5 ft.)

The largest of all maples, and its beautiful array of yellow and orange hues make it a sight to remember, due to the foliage thickness — A very hardy northern and southern tree, and will grow up to 60 feet.

1 Tree . . . 1.50 10 Trees . . . 12.50

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Varieties: Red Delicious, Golden Nugget, Golden Delicious, Stayman Winesap, Grimes Golden, Jonathan, Lodi, Red Rome Beauty.

BERRIES, FRUITS & NEDGE — 1-2 Yrs. Old

10 Rhubarb, 1 yr. Roots1.95
25 Strawberry, Blakemore or Tenn. Beauty2.95
25 Gem. Everbearing Strawberry 2.95
25 South Privet, 1-2 ft.6.95
25 North Privet, 1-2 ft.6.95
10 Multiflora Rose, 1-2 ft.4.98



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NUT TREES — 1-2 Years Old

Hazel Nut, 2-3 ft.2.95 ea.
Butternut, 3-4 ft.3.95 ea.
Chinese Chestnut, 3-5 ft.2.95 ea.
Hardy Pecan Seedlings, 1-2 ft. .1.50 ea
Stuart Pecan, Papershell, 2-3 ft. 7.95 ea
Black Walnut, 2-3 ft.2.45 ea.
English Walnut, 2-3 ft.7.95 ea.

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“Pickett’s Thicket” Now A Woodlands Showplace

Seventy-three-year-old Ralph W. Pickett can easily show people what he has done with his life: For one thing, he has grown a forest.

It has taken him 48 years.

Pickett’s forest covers 1,500 acres in the Cedar Forks Community of Duplin County, and it is filled with magnificent stands of longleaf, pond and loblolly pines.

Some people call it one of the finest, privately-owned tracts of woodland in North Carolina.

Pickett’s life in the woods began at the age of 25. It was on Nov. 2, 1934, to be exact, during the Great Depression.

Pickett took all the money he had—\$100—and used it as down payment on 2,325 acres owned by Goldsboro Lumber Co. The total purchase price was \$1,600 or less than 69 cents an acre.

“Times were hard,” he recalls, “and no one could understand why I would buy woodland on credit.”

Local folks described Pickett’s purchase in various ways—Pickett’s thicket, a pocoson, an old bog that was too wet to grow anything but a bramble of briars. Little grew on it of commercial value.

Pickett, who is a consumer-member of Jones-Onslow Electric Membership Corporation, Jacksonville, has turned his thicket into a prized forest with hard work and sound forestry management practices.

One of his first goals was to improve the drainage and in the early days he did this with his own muscles, a shovel and a broadax.

“I’d go in the woods early in the morning and never think about the time until the sun started setting.

That’s how determined I was to make something out of this place,” he said.

Pickett was later able to hire ditching done with a backhoe and now his forest is crisscrossed with about nine miles of ditches that keep his pines out of standing water and serve as firelanes.

Along with ditches, Pickett has used fire as a forestry management tool. The value of fire was demonstrated to him accidentally when wildfire once burned for 31 days on his land. The burned area came back full of pines.

Now, Pickett uses “controlled burning” on a regular basis to reduce undesirable hardwoods and “to release” his pines.

“You use a slow, creeping fire,” he explained, “and it’s like giving the pines a shot of fertilizer.”

Along with stimulating his pines, Pickett said controlled burning also aids wildlife.

“A lot of tender, young vegetation comes in after a fire,” he explained. “Deer don’t bother crops around here because they can find plenty to eat in the woods. And we’ve got rabbits, squirrels, raccoons, opossums and bobcats.”

Pickett spoke so fondly of bears living in his woods that they might have been family pets.



Ralph W. Pickett, Duplin County tree farmer, says, “There is no sorry land. Land is good, better and best. All it needs is tutoring.”

Pickett has lived off his woodland at the same time he has been improving it. He purchased an old truck early in life and started “pulpwooding,” always cutting diseased, crooked and overcrowded trees first. He has harvested larger trees for sawtimber or for poles and pilings. And all the time, his woodland has been increasing in value.

Pickett sold about a third of his original acreage many years ago. He also cleared 250 acres, which his son uses to grow corn and soybeans. That’s okay with the father, for he had much rather be a tree farmer than a crop farmer.

Among the lessons that Pickett says he has learned from nearly a half-century in the woods are these:

- “There’s more in the man than in the land.”

- “There is no sorry land. Land is good, better and best. All it needs is tutoring.”

Pickett is still robust and not about to retire. “Sitting around bores me,” he declared. And of his accomplishment, he said, “The Lord has been good to me.”

The spotlight was focused on Pickett in December, 1981, at the Governor’s Conference on Retention of Prime Farm and Forest Land at North Carolina State University. William G. Sullivan of Mount Olive, a farmer and conference speaker, singled Pickett out as “a good example of what hard work and determination can do,” saying that Pickett had “one of the finest stands of pine timber in North Carolina.”

Extension forestry specialists at NCSU say people like Pickett will largely determine the future of the forest products industry in North Carolina. While several companies own large tracts in the state, about 85 percent of the state’s woodland is still in the hands of private owners.

Duplin County Agricultural Extension Agent Snodie Wilson said although his county has the highest gross agricultural income in the state, the majority of the land in the county is still forested. Most of this land is producing far below its potential, Wilson added.

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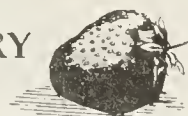
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EMC ANNUAL MEETINGS CALENDAR...



Date	Electric Membership Corporation	Time	Location
March			
19	Edgecombe-Martin County, Tarboro	Registration: 11:30 a.m. Business Meeting: 2:00 p.m.	Edgecombe Technical College Auditorium, Tarboro
24	South River, Dunn	Registration: 6:00 p.m. Entertainment: 7:30 p.m. Business Meeting: 8:00 p.m.	Cumberland Memorial Auditorium, Fayetteville
25	Wake, Wake Forest	Registration: 6:00-7:15 p.m. Entertainment: 6:30 p.m. Business Meeting: 7:15 p.m.	Wake Forest- Rolesville Sr. High School Gymnasium, Wake Forest
	Jones-Onslow, Jacksonville	Registration: 6:00 p.m. Business Meeting: 7:00 p.m.	Jacksonville Sr. High School, Jacksonville
May			
7	Halifax, Enfield	Registration: 12:30 p.m. Business Meeting: 2:00 p.m.	Southeast Halifax High School

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- "Talking books," which are recordings and the special record playing machines are loaned free from the public library to anyone who has some difficulty seeing or holding a book. Large print books are also loaned out.

For more information, call the local library or write to the N.C. State Library, Special Services Division for the Blind and Handicapped, 1811 North Boulevard, Raleigh, 27604.

- The American Bible Society is a non-profit, interdenominational organization which sells large print bibles. Write to the society at P.O. Box 5656, Grand Central Station, New York, N.Y. 10017 for a catalogue to select the Bible version and size print. The entire Bible, the New Testament, Psalms, Isaiah, Acts and Proverbs are all available in large print.

- The *New York Times* is also sold in large-print edition. There is no advertising in the issue, but all the news is there. For subscription rates, write to *The New York Times*, Large Type Weekly, P.O. Box 2570, Boulder, Colo. 80302.

- *Reader's Digest*, also containing no advertising, can be ordered in large print. It is also on loan from the N.C. State Library. For subscription information, write to *Reader's Digest* Large-Type Edition, Box 241, Mt. Morris, Ill. 61054.

- *Upper Room*, an interdenominational, international daily devotional guide, is published bi-monthly in large print. To subscribe, write to *The Upper Room*, 1908 Grand Avenue, Nashville, Tenn. 37203, for more information.

- *Guideposts* is another devotional for every day in the year, available in large print. For subscription information, write to *Guidepost*, Carmel, N.Y. 10512. This is also available at some bookstores.

- *Mature Living*, a Christian magazine for senior adults, which is large print in its entirety, is published by The Sunday School Board of Southern Baptist Convention, 127 Ninth Avenue North, Nashville, Tenn. 37234. Subscription information for the large print edition is available from this address.

- A recorded "talking machine" version of *Newsweek* is produced weekly by the American Printing House for the Blind, Inc., P.O. Box 6435, Louisville, Ky. 40206. The recorded magazine is provided free to eligible readers through gifts to the non-profit corporation. A contribution of \$28.50 covers the cost of a one-year subscription.

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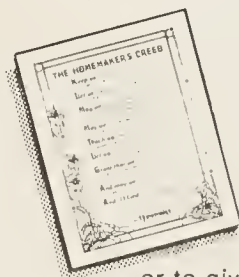
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organizations are committed not to discriminate against any person on the ground of race, color or national origin in its policies and practices relating to treatment of beneficiaries and participants including rates, condition and extension of service, use of any of its facilities, attendance at and participation in any meetings of beneficiaries and participants or the exercise of any rights of such beneficiaries and participants in the conduct of the operations of this organization.

Any person who believes himself, or any specific class of individuals, to be subjected by any one of these organizations to discrimination prohibited by Title VI of the Act and

the Rules and Regulations issued thereunder may, by himself or a representative, file with the Secretary of Agriculture, Washington, D.C. 20250, or the Rural Electrification Administration, Washington, D.C. 20250, or any of the following organizations, or all, written complaint. Such complaint must be filed not later than 90 days after the alleged discrimination or by such later date to which the Secretary of Agriculture or the Rural Electrification Administration extends the time for filing. Identity of complainants will be kept confidential except to the extent necessary to carry out the purposes of the Rules and Regulations."

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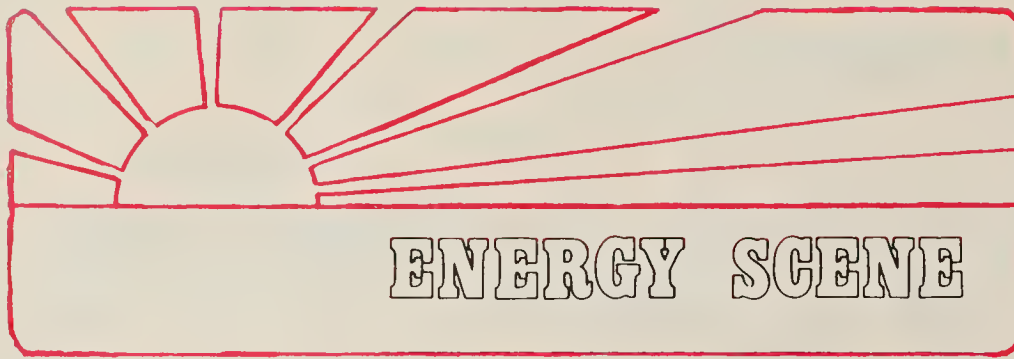
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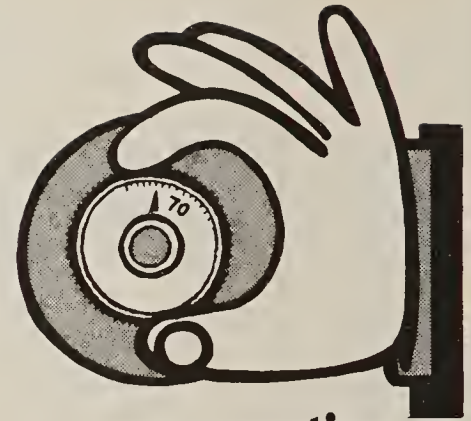
Q & A On Energy

Q

1. Since World War II, annual energy use in the United States has more than doubled. How does this growth compare with Western Europe?
a. less than Europe b. the same as Europe c. more than Europe
2. How much of its oil does Western Europe import?
a. 50% b. 75% c. 90%
3. How much of the energy that the United States uses is based on oil?
a. 25% b. 40% c. 55%
4. Since the 1973 oil embargo, how has the U.S. reliance on Arab members of OPEC changed?
a. U.S. now half as dependent b. U.S. now just as dependent
c. U.S. now twice as dependent

A

1. (a) From 1945 to 1980, U.S. energy consumption went up 2.5 times; in Western Europe, it went up by a factor of 3.2. By comparison, Latin America energy use increased by a factor of 8, Southern and Southeast Asia increased by a factor of 11, and China increased by a factor of 14.
2. (c) Western Europe has essentially no oil fields of its own, except for England's North Sea, and must import some 90% of the oil it needs.
3. (b) The actual percentage of U.S. energy use that comes from oil is 43%. The remainder comes from natural gas (26.5%), coal (21%), hydropower and geothermal energy (4%), nuclear power (3.5%), biomass and other renewables (2%).
4. (c) Despite all our conservation efforts, we rely on OPEC's Arab nations for twice as much oil as we did in 1973—from 915,000 barrels a day to 1.9 million barrels a day. This amounts to some 40% of all the oil that we import.



conservation

It's nothing new to rural people. They've made it do, worn it out and used it up for years. They appreciate the value of things, and they know that waste is like throwing money down the drain.

That's why wise energy use comes easily to rural electric consumers, why suggestions on new ways to conserve fall on receptive ears.

And, conservation helps us all. It helps keep your energy bill as low as possible, and it helps us manage our electric resources better.

But, we must caution that while conservation can help keep your electric bill in line, it doesn't necessarily bring lower rates.

Fuel, interest, materials...all costs continue to rise, bringing higher rates. But cooperatively, through innovation and wise use of electricity, we can keep those bills as low as possible.

*



We're All In This Together



North Carolina's first inflatable dam can be lowered to drain fields for planting and raised to provide high water table for growing crops.

Test Converts Drainage Canals Into Reservoirs

A new concept in water management, which is getting its first test in the flatlands of Eastern North Carolina near Conetoe, may lead to improved water usage on millions of acres of cropland in the South.

The test is designed to see if a large drainage canal can be made to double as a water reservoir.

Thousands of such canals lace the Southern Coastal Plain. They are absolutely essential, farmers say, to prevent periodic flooding of some of the best cropland in the South.

Drainage is especially critical in early spring when the water table is often only one or two feet below the surface.

Unfortunately, water flowing through drainage canals and ditches at planting time is often needed back before harvest. Summer droughts can cause the water table to fall as low as eight or nine feet, hurting crop yields.

This water management dilemma has resulted in the establishment of a major research project on the Mitchell Swamp Canal of the Conetoe Creek Water District. Involved are about a dozen farmers, the local water district, the Soil Conservation Service, the Agricultural Research Service of the U.S. Department of Agriculture and

the Agricultural Research Service of N.C. State University.

"This is truly a cooperative effort," said Dr. Wayne Skaggs, a biological and agricultural engineer with NCSU's Agricultural Research Service.

The most obvious feature of the research project is a new type dam that has been installed on Mitchell Swamp to control the water level in the canal. It is an expandable, balloon-like structure called "Fabridam" by its manufacturer in California.

Coy Doty, an engineer with USDA's Agricultural Research Service, says Fabridam is the only structure of its type in North Carolina. Because it looks like a floundered whale, it is drawing a lot of attention.

Fabridam automatically impounds water at a pre-set level by expanding or contracting. In other words, if Fabridam is instructed to raise the water level to seven feet at a certain hour, it will inflate itself (with water) to reach this level.

"The dam is very efficient," said Hassell Thigpen, one of the cooperating farmers. "It raised or lowered itself seven times in one night during a storm."

The real measure of Fabridam's success is occurring underground. Researchers are monitoring water table levels throughout the watershed as Fabridam expands and contracts. And they are relating water table levels to crop yield, water quality, wildlife habitat, and the need for surface irrigation during prolonged droughts.

Tommy Cone, agricultural research technician, said the dam raised the water table for a distance of 800 feet on each side of the canal during the first summer of operation. Crop yields above the dam were higher than those below it where the water table was not affected.

"We're creating a good fish habitat by keeping water in the canal," Cone added. "It also looks as if the project will help the duck population."

Scientists believe the adjustable dam can be used to reduce fertilizers and pesticides that sometime get into waterways from farmland.

"I'm as enthusiastic as I can be about this project," said Thigpen, who owns the land on the west side of the dam. "My hope is that someday farmers and engineers will be able to come here and look at the data and be able to design much better water management systems than we now have," he said.

"I'm 66 and this research may not do me much good, but it's going to help someone's children and grandchildren," Thigpen predicted.

NCSU's Skaggs estimates that the research could benefit about one million of the two and half million acres of drained cropland in Eastern North Carolina.

Most farm leaders cite better water management as one the biggest needs facing American agriculture. Skaggs says this need has been accelerated by rising energy costs.

"A farmer can't afford to drain any more water from his soil than is necessary if he must later pay to have this same water pumped back into the land," he said. "We must think of the soil as well as surface ponds as a storage reservoir."

Farmers along Mitchell Swamp use water impounded by Fabridam to operate their own overhead irrigation systems when necessary.



If you don't need it, don't burn it. Join the waste watchers, today.





Hickory: It's One Hell Of A Town by Wake Bridges. Copple House Books. 103 pages. \$8.95.

As his text reveals, Wake Bridges has been a newspaperman on the *Hickory Daily Record* for 40 or 50 years, and he manages to deliver a lot of love for his hometown in the pages of this little book.

It's actually more about people in and around Hickory than about the city itself, but that also tells you a lot about the community's lifestyle and happenings.

For example, many younger North Carolinians can't remember when poliomyelitis was a scourge. But a graphic tale here tells how Hickory built a polio hospital in a matter of weeks during the summer of 1944, with volunteer carpenters putting up buildings of volunteer lumber, and community cooperation throughout.

This new book is largely devoted to the light-hearted: a bird dog that understood English but not Albanian, an ice skater (the author himself) out of control and running over a coffee pot and a pretty girl, and a clergyman who had a few drinks and overslept, missing his own scheduled sermon.

Other tales involve a bold thinker who bought a newspaper, owned a local power company, closed an active coal mine and enjoyed other adventures, all on his wife's abundant money. We have at least two occasions of the end of the world, the second coinciding with the 1938 Orson Welles broadcast of "War of the Worlds." Also included are descriptions of commercialized vice, on a rather small scale—a man who sold a pig he had already devoured—and the familiar topic of moonshine whiskey.

There is some locker room language in this book, including what is probably the most ancient "dirty joke" on record, but it has what some have called redeeming social value.

Wake Bridges, of all people, should know that you always put some of your best stuff in the "lead" (opening) of a story, but he leads off with some factual data that could have come straight from the Chamber of Commerce. At least the book gets

better as it goes along.
If you want a copy, and your bookstore doesn't have it, write Copple House Books at Road's End, Lakemont, Georgia 30552. Add \$1 for postage and handling.
—Frank Jeter Jr.

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Wintertime Power Outage: A Stiff Test of Patience

Most of us have become so dependent on electricity for our creature comforts that we quickly get out of sorts when that juice stops flowing—even for short periods. And when the power goes off in the midst of freezing weather, knocking out heat, water and perhaps the cooking appliances, our tolerance for discomfort gets a real test.

Thousands of Tar Heels faced that sort of test in late January when a severe winter storm knocked out electric service over a wide area in Western North Carolina.

An even stiffer test faced the hundreds of linemen and repair crews who had to cope with the elements during the storm and after in order to get that juice flowing again.

All this was very much on the mind of David Freeman, a staff writer for the *Lenoir News-Topic*, as he wrote a column called "Speculations" a week after the storm hit.

Here's what he wrote:

"There's been sufficient time since last weekend's ice and snow to do some thinking, and the one thing which stays in mind is the impatience people have when they lose electricity.

"Some even get down right mean about it, the inconvenience and all; but, there's little that can be done except wait, so why send the blood pressure soaring?

"Most people know Sam Keller. I wrote about him in Monday's paper, how he and his employees at the Western Steer stayed through the night Saturday to feed the Duke Power Company and Blue Ridge Electric Membership Corporation crews and the line crews which were sent here from utilities in places less severely hit by the storm.

"According to Sam, every half-hour a new crew would be relieved long enough to sit down out of the freezing rain and eat a hot meal. His parking lot, and lots at other restaurants were full through the day and night, sometimes making it seem the crews were taking their time and really enjoying a long meal, but that wasn't the case. The trucks all looked the same, but were constantly changing as crews came in to eat and others left to return to the cold, wind and freezing rain.

"When the scope of last weekend's storm is weighed, those crews working for Duke Power and BREMCO deserve our thanks. While I stayed in the bed Saturday morning and kept warm, those guys were sometimes strapped 50 feet or more into the air on an icy pole working with cable, some of which were hot.

"I wouldn't have their job, because the slightest miscalculation can result in injury or even death and they must constantly be on the alert for hot wires, but also, in severe weather, for other dangers.

"Sure, storms are an inconvenience, but a little preparation can get most people through with little hardship."

Freeman added that he and his wife prepared for the power outage by filling several containers with water, readying a kerosene heater and camp stove, and getting out candles and flashlights with fresh batteries.

"Saturday morning we were ready. It wouldn't have been fun, or even as comfortable as I would want, but we could survive with a warm room, hot food and fresh water."

Research Project: A Touch of Whimsy

Some researchers at UNC-CH showed a rare touch of whimsy when they came up with a name and acronym for a technique they're using to measure how much a person breathes through the mouth and how much through the nose.

The study is designed to determine if "mouth breathing" contributes to abnormal face and jaw development, as some orthodontists suspect.

The procedure is called Simultaneous Nasal and Oral Respirometric Technique, or SNORT.

It Says Here . . .

- A sticker affixed to a hot air hand dryer in the men's room of a Raleigh restaurant carries this message: "Press for a message from your Congressman."

- A company publication in the Midwest reprinted this item from an anonymous church bulletin: "Thursday at 5 p.m. there will be a meeting of the Little Mother's Club. All those wishing to become Little Mothers, please meet the minister in the study." Also: "This afternoon there will be a meeting in the North and South ends of the church. Children will be baptized on both ends."

—Owen Bishop

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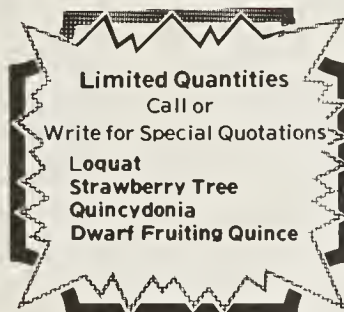
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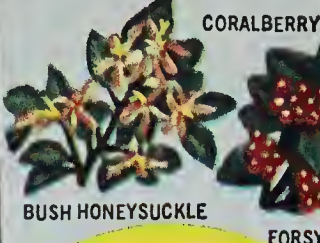
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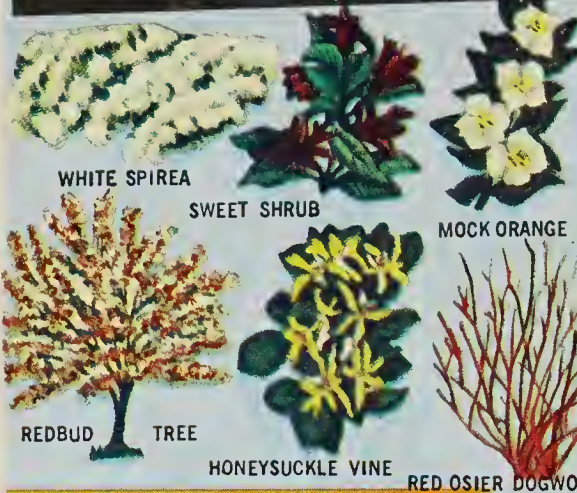
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